

# SEARCH REQUEST FORM

Requestor's Name: Duane C. Jones Serial Number: 08/718,377  
Date: 05 SEP 97 Phone: 218-4641 Art Unit: 1205

## Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Please search <sup>generic</sup> claim 1  
and the elected species  
on the copied page 4.

these compounds are inhibitors of  
endothelin receptors

## STAFF USE ONLY

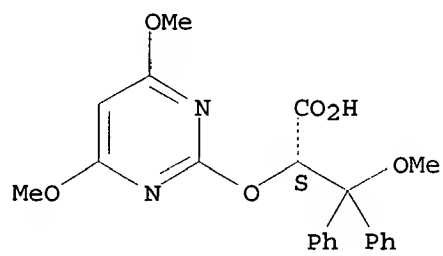
Date completed: <u>9-11-97</u>	Search Site	Vendors
Searcher: <u>DUN DANIELMAN</u>	<input type="checkbox"/> STIC	<input type="checkbox"/> IG
Terminal time: <u>49</u>	<input checked="" type="checkbox"/> CM-1	<input checked="" type="checkbox"/> STN
Elapsed time: _____	<input type="checkbox"/> Pre-S	<input type="checkbox"/> Dialog
CPU time: _____	Type of Search	<input type="checkbox"/> APS
Total time: <u>59</u>	<input type="checkbox"/> N.A. Sequence	<input type="checkbox"/> Geninfo
Number of Searches: <u>5</u>	<input type="checkbox"/> A.A. Sequence	<input type="checkbox"/> SDC
Number of Databases: <u>1</u>	<input checked="" type="checkbox"/> Structure	

=> d 116 bib abs hitstr 2

L16 ANSWER 2 OF 8 CAPLUS COPYRIGHT 1997 ACS  
AN 1997:157448 CAPLUS  
DN 126:195755  
TI Effects of chronic ETA-receptor blockade in angiotensin II-induced hypertension  
AU D'uscio, Livius V.; Moreau, Pierre; Shaw, Sidney; Takase, Hiroyuki; Barton, Matthias; Luscher, Thomas F.  
CS Division of Cardiology, Cardiovascular Research, University Hospital, Bern, Switz.  
SO Hypertension (Dallas) (1997), 29(1, Pt. 2), 435-441  
~~CODEN: HPRTDN; ISSN: 0194-911X~~  
PB American Heart Association  
DT Journal  
LA English  
AB ~~Angiotensin II, a constrictor and mitogen of vascular smooth muscle cells, affects the release of endothelium-derived factors such as nitric oxide or endothelin-1. This study~~ investigated the influence of endothelin-1, using the selective endothelin A receptor antagonist LU 135252, on blood pressure and endothelial function in angiotensin II-induced hypertension in the rat. Two weeks of angiotensin II administration (200 ng/kg per min) increased systolic blood pressure (35 mm Hg; tail-cuff method) compared with placebo. LU 135252 alone did not affect systolic pressure but lowered the angiotensin II-induced pressure increase. In isolated aortic rings, endothelium-dependent relaxations to acetylcholine were reduced in the angiotensin II group (vs. placebo) and improved by concomitant chronic LU 135252 treatment (vs. angiotensin II). Blood pressure elevation strongly correlated with impaired endothelium-dependent relaxations to acetylcholine. LU 135252 did not affect endothelium-independent relaxations to sodium nitroprusside, which were diminished after angiotensin II treatment. In quiescent rings, chronic angiotensin II administration enhanced endothelium-dependent contractions to acetylcholine, which were reduced by LU 135252. Impaired contractions to endothelin-1 and norepinephrine in the angiotensin II group were normalized after treatment with LU 135252. Thus, chronic therapy with LU 135252 partially prevents angiotensin II-induced hypertension and the alterations of the endothelial function obsd. in this exptl. model.  
IT 171714-84-4, LU 135252  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(effects of chronic ETA-receptor blockade in angiotensin II-induced hypertension)  
RN 171714-84-4 CAPLUS  
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

✓  
But  
[Signature]



=> d 116 bib abs hitstr 3

L16 ANSWER 3 OF 8 CAPLUS COPYRIGHT 1997 ACS

AN 1996:625015 CAPLUS

DN 125:316842

TI Oral treatment with an ETA-receptor antagonist inhibits neointima formation induced by **endothelial injury**

AU Muentner, K.; Hergenroeder, S.; Unger, L.; Kirchengast, M.

CS Knoll A.-G., Ludwigshafen, D-67008, Germany

SO ~~Pharm. Pharmacol. Lett. (1996), 6(2), 90-92~~

CODEN: PPLEE3; ISSN: 0939-9488

DT Journal

LA English

AB Rats were orally treated with the selective ETA-receptor antagonist LU 135252 from 3 days before until 13 days after ballooning of the left carotid artery. Development of stenosis was assessed histol. 2 wk after balloon injury. The neointima/media ratio was dose-dependent and reduced from 1.60 (control) to 1.38 (20 mg/kg/d), (50 mg/kg/d) and 1.20 (100 mg/kg/d). Thus, oral treatment with a selective ETA-receptor antagonist reduced the proliferative response to **endothelial** denudation in the rat.

IT 171714-84-4, LU 135252

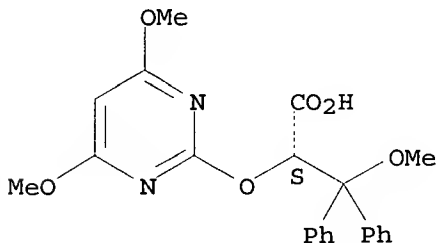
RL: BAC (Biological activity or effector, except adverse); BIOL (Biological study)

(ETA-receptor antagonist LU 135252 inhibits neointima formation induced by **endothelial injury**)

RN 171714-84-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



*Isal H*

=> d his

(FILE 'HOME' ENTERED AT 07:22:36 ON 11 SEP 1997)

FILE 'REGISTRY' ENTERED AT 07:22:42 ON 11 SEP 1997  
ACT JONES718/A

-----  
L1 STR  
L2 900 SEA FILE=REGISTRY SSS FUL L1  
-----  
L3 STR L1  
L4 40 S L3 SSS SAM SUB=L2  
L5 805 S L3 SSS FUL SUB=L2  
L6 STR L3

FILE 'CAPLUS' ENTERED AT 07:32:37 ON 11 SEP 1997

FILE 'REGISTRY' ENTERED AT 07:34:44 ON 11 SEP 1997

L7 STR L6  
L8 0 S L7 SSS SAM SUB=L2  
L9 5 S L7 SSS FUL SUB=L2

FILE 'CAPLUS' ENTERED AT 07:41:03 ON 11 SEP 1997

L10 47 S L5  
L11 1 S L9  
L12 47 S L10 OR L11  
L13 7 S L12 AND ENDOTHEL?  
L14 0 S L11 AND L13  
L15 5 S L12 AND (DRUG? OR PHARMA?/BI,SC,SX)  
L16 8 S L13 OR L15  
L17 0 S L16 AND L11

*0 HITS IN CAOLD*

FILE 'CAOLD, CAPLUS' ENTERED AT 07:43:25 ON 11 SEP 1997

L18 0 FILE CAOLD  
L19 1 FILE CAPLUS  
TOTAL FOR ALL FILES  
L20 1 S L11

FILE 'BEILSTEIN' ENTERED AT 07:43:40 ON 11 SEP 1997

L21 0 S L7 FUL *← 0 HITS IN Beilstein*

FILE 'MARPAT' ENTERED AT 07:44:05 ON 11 SEP 1997

L22 2 S L2  
L23 53 S L2 FUL  
L24 5 S L7 SSS FUL SUB=L23 *← 5 hits in Marpat*

FILE 'CAPLUS' ENTERED AT 07:52:13 ON 11 SEP 1997

L25 38 S L12 NOT (L11 OR L16)

FILE 'CAOLD' ENTERED AT 08:07:56 ON 11 SEP 1997

L26 7 S L5

FILE 'REGISTRY' ENTERED AT 08:12:42 ON 11 SEP 1997

SAV JONES718B/A L5 TEMP  
L27 QUE L3

FILE 'USPATFULL' ENTERED AT 08:40:30 ON 11 SEP 1997

L28 11 S L5  
L29 0 S L28 AND ENDOTHEL?

=> d his

(FILE 'HOME' ENTERED AT 07:22:36 ON 11 SEP 1997)

FILE 'REGISTRY' ENTERED AT 07:22:42 ON 11 SEP 1997  
ACT JONES718/A

-----  
L1 STR  
L2 900 SEA FILE=REGISTRY SSS FUL L1  
-----  
L3 STR L1  
L4 40 S L3 SSS SAM SUB=L2  
L5 805 S L3 SSS FUL SUB=L2  
L6 STR L3

FILE 'CAPLUS' ENTERED AT 07:32:37 ON 11 SEP 1997

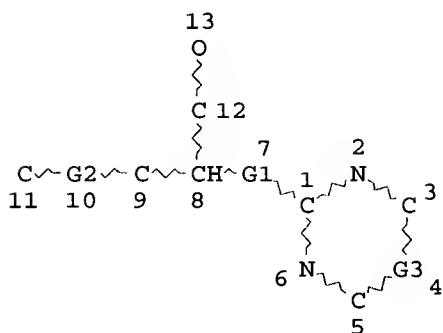
FILE 'REGISTRY' ENTERED AT 07:34:44 ON 11 SEP 1997  
L7 STR L6  
L8 0 S L7 SSS SAM SUB=L2  
L9 5 S L7 SSS FUL SUB=L2

FILE 'CAPLUS' ENTERED AT 07:41:03 ON 11 SEP 1997  
L10 47 S L5  
L11 1 S L9  
L12 47 S L10 OR L11  
L13 7 S L12 AND ENDOTHEL?  
L14 0 S L11 AND L13  
L15 5 S L12 AND (DRUG? OR PHARMA?/BI,SC,SX)  
L16 8 S L13 OR L15  
L17 0 S L16 AND L11

=>

=&gt; d que l11

L1 STR



REP G1=(0-1) Q

VAR G2=O/S

VAR G3=N/C

NODE ATTRIBUTES:

NSPEC IS RC AT 9

NSPEC IS RC AT 11

CONNECT IS E3 RC AT 3

CONNECT IS E3 RC AT 5

CONNECT IS M3 RC AT 9

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

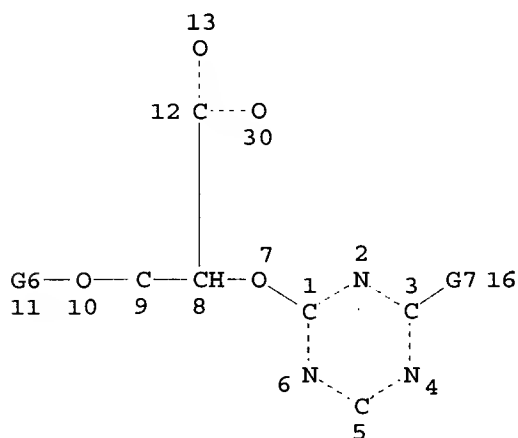
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

L2 900 SEA FILE=REGISTRY SSS FUL L1

L7 STR



Ak @17

Ak—X  
@19 20O—Ak  
@22 23O—Ak—X  
@24 25 26S—Ak  
@28 29

VAR G6=C/CB

VAR G7=X/17/19/22/24/28

NODE ATTRIBUTES:

NSPEC IS RC AT 9

CONNECT IS E3 RC AT 3  
CONNECT IS E3 RC AT 5  
CONNECT IS M3 RC AT 9  
CONNECT IS E1 RC AT 17  
CONNECT IS E1 RC AT 23  
CONNECT IS E1 RC AT 29  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE  
L9 5 SEA FILE=REGISTRY SUB=L2 SSS FUL L7  
L11 1 SEA FILE=CAPLUS ABB=ON PLU=ON L9

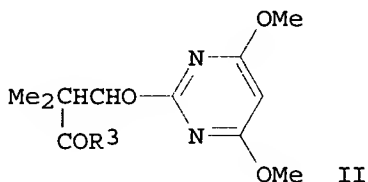
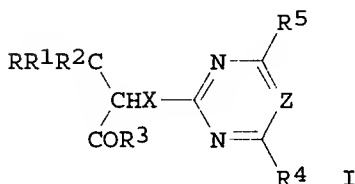
=> s l11  
L18 0 FILE CAOLD  
L19 1 FILE CAPLUS

TOTAL FOR ALL FILES  
L20 1 L11



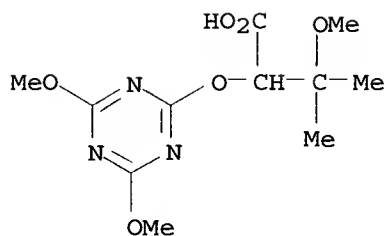
=> d bib abs hitstr

L20 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1997 ACS  
 AN 1993:213114 CAPLUS  
 DN 118:213114  
 TI Pyrimidine or triazine derivative, process for preparing the same  
 and herbicide using the same  
 IN Harada, Katsumasa; Abe, Takaaki; Akiyoshi, Yuji; Matsushita, Akio;  
 Kojima, Mikio; Shiraishi, Ikuo; Yamamoto, Kaoru; Hayama, Takashi;  
 Fukuda, Shohei  
 PA Ube Industries, Ltd., Japan  
 SO Eur. Pat. Appl., 69 pp.  
 CODEN: EPXXDW  
 PI EP 517215 A1 921209  
 DS R: CH, DE, FR, GB, LI, NL  
 AI EP 92-109457 920604  
 PRAI JP 91-232594 910607  
 JP 91-232595 910607  
 JP 91-232596 910607  
 JP 91-248533 910625  
 DT Patent  
 LA English  
 OS MARPAT 118:213114  
 GI



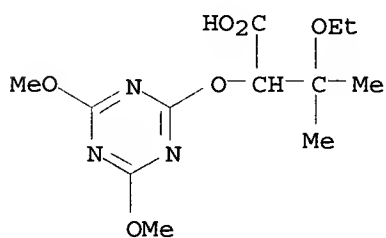
*different  
compound  
+ utility  
salt*

AB Title compds. I [R = cyano, halo, (un)etherified OH; R1, R2 = H, alkyl, R3 = 1-imidazolyl, alkylsulfonylamino, arylsulfonylamino, OK, (un)substituted alkoxy; R4 = alkyl, alkoxy; R5 = alkoxy; X = O, S; Z = N, CH] were prepd. Thus, acid II (R3 = OH) was treated with 1,1'-carbonyldiimidazole to give 85% II (R3 = 1-imidazolyl) which at 20 g/are gave 100% control of eg. barnyardgrass in rice paddy.  
 IT 147112-44-5P 147112-53-6P  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation (prepn. and herbicidal activity of))  
 RN 147112-44-5 CAPLUS  
 CN Butanoic acid, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



RN 147112-53-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)

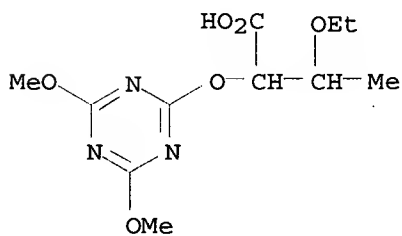


IT 147112-49-0P 147112-57-0P 147112-66-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

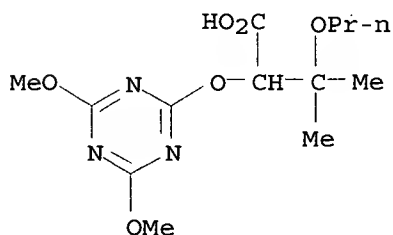
RN 147112-49-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-3-ethoxy- (9CI) (CA INDEX NAME)



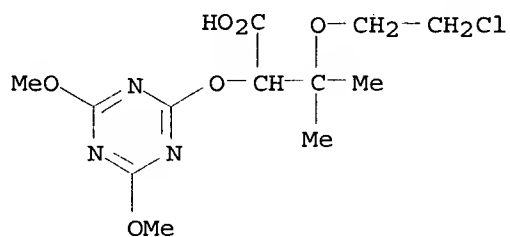
RN 147112-57-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



RN 147112-66-1 CAPLUS

CN Butanoic acid, 3-(2-chloroethoxy)-2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



=> d his l18-

(FILE 'CAOLD, CAPLUS' ENTERED AT 07:43:25 ON 11 SEP 1997)

L18 0 FILE CAOLD  
L19 1 FILE CAPLUS  
TOTAL FOR ALL FILES  
L20 1 S L11

FILE 'BEILSTEIN' ENTERED AT 07:43:40 ON 11 SEP 1997

L21 0 S L7 FUL

FILE 'MARPAT' ENTERED AT 07:44:05 ON 11 SEP 1997

L22 2 S L2  
L23 53 S L2 FUL  
L24 5 S L7 SSS FUL SUB=L23

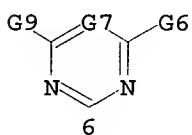
=> d 124 qhit bib abs

L24 ANSWER 1 OF 5 MARPAT COPYRIGHT 1997 ACS

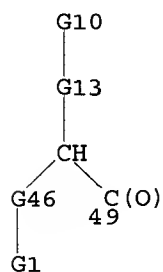
**MSTR 1A**

G45-G14

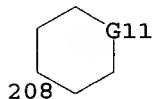
G1 = OCN  
G7 = N  
G9 = F  
G10 = 6



G13 = O  
G14 = OH  
G45 = 49



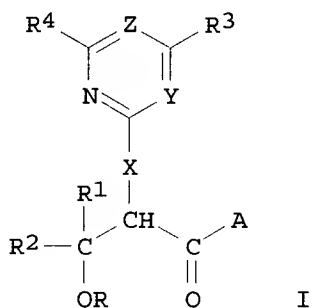
G46 = 208



DER: or salts  
MPL: claim 1  
NTE: also incorporates claim 31  
NTE: substitution is restricted  
STE: or stereoisomers

AN 124:289560 MARPAT  
TI Preparation of pyrimidinyl- and triazinyl-oxy and  
thio-3-haloalkyl-propionic acid derivatives as herbicides  
IN Luethy, Christoph; Lutz, William  
PA Ciba-Geigy A.-G., Switz.  
SO PCT Int. Appl., 115 pp.  
CODEN: PIXXD2  
PI WO 9600219 A1 960104

DS W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG,  
 KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU,  
 SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN  
 RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,  
 IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG  
 AI WO 95-EP2295 950613  
 PRAI CH 94-2045 940627  
 CH 94-2858 940920  
 DT Patent  
 LA English  
 GI



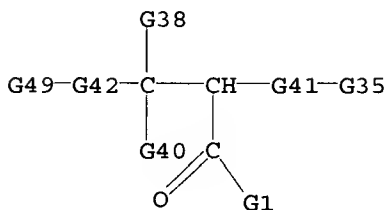
*different  
activity*

AB The title compds. [I; A = alkylthio, alkyloxy, OH, (un)substituted heterocyclyl, etc.; R = H, (un)substituted alkyl, haloalkyl, (un)substituted Ph, etc.; R1 = C1-7 haloalkyl; R2 = H, alkyl, alkenyl, cycloalkyl, (un)substituted Ph, pyridyl, thienyl, etc.; R3 = Me, Et, MeO, EtO, CF3O, HCF2O, etc.; R4 = F, Cl, Me, Et, Pr, cyclopropyl, MeO, EtO, etc; X = O, S; Y = N or if Z = N then Y is N, (un)substituted CH; Z = N, (un)substituted CH], useful as selective herbicides esp. for controlling weeds, are prepd. and I-contg. formulations presented. Thus, I (A = OMe3, R = R2 = Me, R3 = R4 = OMe, X = S, Y = N, Z = CH) was prepd.

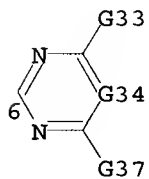
=> d 124 qhit bib abs 2

L24 ANSWER 2 OF 5 MARPAT COPYRIGHT 1997 ACS

**MSTR 1**

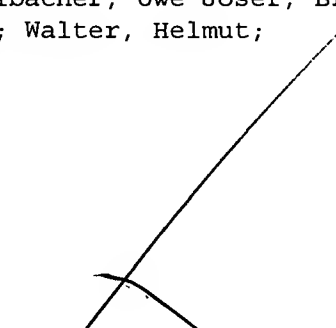


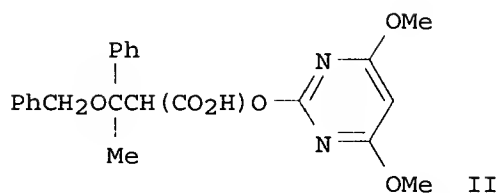
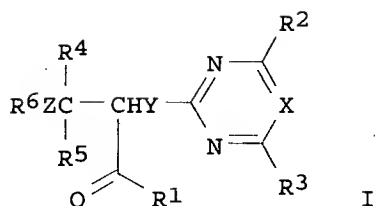
G1 = OH  
G33 = OMe  
G34 = N  
G35 = 6



G41 = O  
G42 = O  
G49 = Me  
MPL: claim 1  
NTE: substitution is restricted

AN 122:31550 MARPAT  
TI Preparation of 3-(hetero)arylcarboxylic acid-derivative herbicides  
with increased species selectivity  
IN Baumann, Ernst; Rheinheimer, Joachim; Vogelbacher, Uwe Josef; Bratz,  
Matthias; Theobald, Hans; Gerber, Matthias; Walter, Helmut;  
Rademacher, Wilhelm; Westphalen, Karl Otto  
PA BASF A.-G., Germany  
SO Ger. Offen., 25 pp.  
CODEN: GWXXBX  
PI DE 4313412 A1 941027  
AI DE 93-4313412 930423  
DT Patent  
LA German  
GI





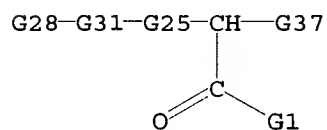
AB The title compds. [I; R1 = H, succinylimidoxy, (un)substituted N-contg. 5-member heterocyclic group, etc.; R2, R3 = halogen, C1-4 alkyl or alkoxy or alkylthio, etc.; R4 = (un)substituted Ph, (un)substituted naphthyl, (un)substituted heteroarom. residue, etc.; R5 = H, alkyl, alkenyl, alkynyl, cycloalkyl, Ph, etc.; R6 = (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl; X = N, (un)substituted CH; Y = direct bond, O, S; Z = O, S], useful as herbicides which have reduced toxicity com. plant species, are prepd. Thus, pyrimidine deriv. II (m.p. 165.degree.; decompn.) was prepd. and demonstrated 10% plant loss when applied to *Gossypium hirsutum* (i.e., cotton) at 0.125 kg/ha, vs. 35% plant loss for a control expt. using I (R1 = OH, R2 = R3 = OMe, R4 = Ph, R5 = R6 = Me, X= CH, Y = Z = O).

*different utility*

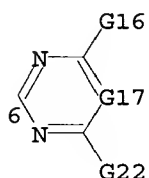
=> d 124 ghit bib abs 3

L24 ANSWER 3 OF 5 MARPAT COPYRIGHT 1997 ACS

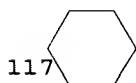
**MSTR 1**



G1 = OH  
G17 = N  
G18 = 6



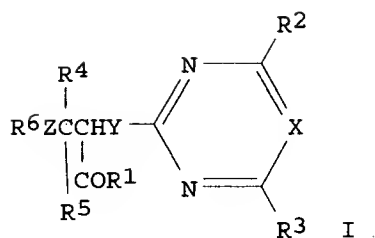
G22 = Cl  
G25 = 117



G28 = Ph (SO)  
G29 = O  
G31 = O  
MPL: claim 1  
NTE: also incorporates claims 12 and 15

AN 121:300921 MARPAT  
TI Preparation of 3-(hetero)aryloxy(thio)carboxylic acid derivatives as agrochemical herbicides  
IN Baumann, Ernst; Rheinheimer, Joachim; Vogelbacher, Uwe Josef; Bratz, Matthias; Meyer, Norbert; Gerber, Matthias; Walter, Helmut; Rademacher, Wilhelm; Westphalen, Karl Otto  
PA BASF A.-G., Germany  
SO Ger. Offen., 26 pp.  
CODEN: GWXXBX  
PI DE 4313413 A1 941027  
AI DE 93-4313413 930423  
DT Patent  
LA German  
GI



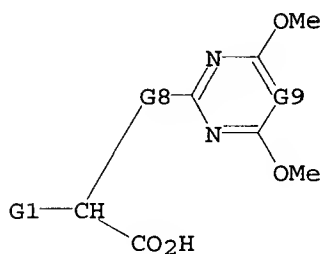


AB The title compds. [I; R1 = H, succinimidyloxy residue, (un)substituted N-contg. 5-membered heterocyclic residue, etc.; R2, R3 = halogen, alkyl, alkoxy, thioalkyl, etc.; R4 = C1-10 alkyl contg. 1-5 halogen atom(s), (un)substituted heterocyclyl residue, (un)substituted Ph or naphthyl, etc.; R5 = H, alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R6 = (un)substituted Ph or naphthyl, (un)substituted heteroaryl, etc.; X = undefined (sic); Y = direct bond, O, S; Z = S, O] (e.g., R1-R3 = OMe, R4 = R6 = Ph, R5 = Me, X = CH, Y = Z = O; m.p. 100-103.degree.), useful as agrochem. herbicides for the control of unwanted plants in crop fields, are prepd. and a I-contg. formulation presented.

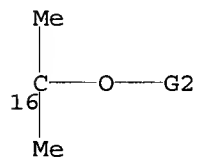
=> d 124 qhit bib abs 4

L24 ANSWER 4 OF 5 MARPAT COPYRIGHT 1997 ACS

MSTR 4



G1 = 16



G2 = Me

G8 = O

G9 = N

MPL: claim 12

AN 121:83357 MARPAT

TI Triazene- or pyrimidine-containing sulfonamide herbicides

IN Abe, Takaaki; Akiyoshi, Yuji; ~~Shiraishi, Hiroshi; Shiraishi, Ikuo;~~  
Kojima, Mikio; Hayama, Takashi; Kuwata, Takaaki

PA Ube Industries, Ltd., Japan

SO Eur. Pat. Appl., 35 pp.

CODEN: EPXXDW

PI EP 567014 A1 931027

DS R: DE, FR, GB

AI EP 93-106232 930416

PRAI JP 92-140865 920417

JP 92-149795 920417

JP 92-208377 920626

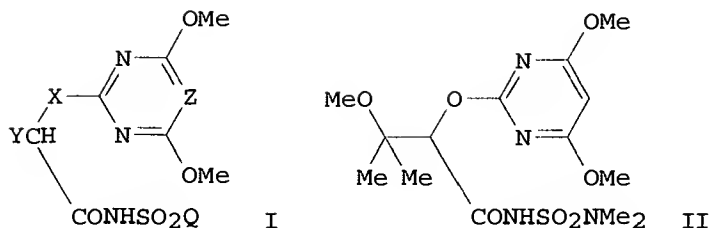
JP 92-210603 920630

JP 93-52292 930312

DT Patent

LA English

GI



AB The title herbicides I [Q = (un)substituted pyridyl, NR<sub>2</sub>R<sub>3</sub>; R<sub>2</sub> = H, lower alkyl, lower alkoxy; R<sub>3</sub> = lower alkyl, lower alkenyl, lower alkynyl, PhCH<sub>2</sub>, Ph; X = O, S; Y = lower alkyl, CMe<sub>2</sub>OR<sub>1</sub>; R<sub>1</sub> = lower alkyl, lower alkenyl, lower alkynyl, etc.; Z = N, CH], useful as herbicides against weeds and undesirable plants and which demonstrate selective herbicidal activity toward desired crops (e.g., cotton and soybean), are prepd. Thus, N,N-dimethylaminosulfonamide was condensed with 2-(4,6-dimethoxypyrimidin-2-yl)oxy-3-methoxy-3-methylbutanoic acid, producing pyrimidine II in 75% yield. II demonstrated herbicidal activity against a wide variety of weeds and undesired crops with no obsd. herbicidal effect against cotton and little herbicidal effect against soybean.

*different utility*

=> d 124 qhit bib abs 5

L24 ANSWER 5 OF 5 MARPAT COPYRIGHT 1997 ACS

**MSTR 1**

G31-G33-G2  
2

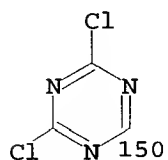
G1 = 162

O-G22  
162

G3 = O

G7 = O

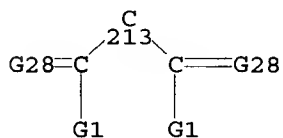
G18 = 150



G22 = Et

G28 = O

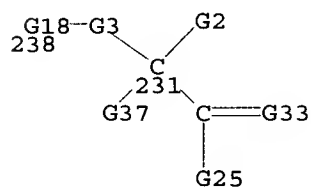
G33 = 213



MPL: claim 1

NTE: also incorporates claim 6

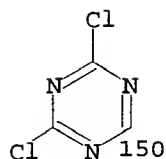
**MSTR 3**



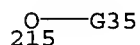
G3 = O

G7 = O

G18 = 150

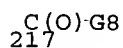


G25 = 215

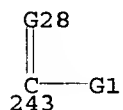


G28 = O

G35 = 217



G37 = 243



MPL: claim 6

AN 120:322953 MARPAT

TI Substituted (hetero-)aryl compounds, process for their preparation,  
those containing compositions and their use as herbicidal antidotes

IN Holdgruen, Xenia; Willms, Lothar; Bauer, Klaus; Trinks, Klaus;  
Bieringer, Hermann

PA Hoechst A.-G., Germany

SO Eur. Pat. Appl., 57 pp.

CODEN: EPXXDW

PI EP 582198 A2 940209

DS R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE

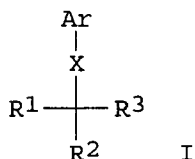
AI EP 93-112074 930728

PRAI DE 92-4225493 920801

DT Patent

LA German

GI



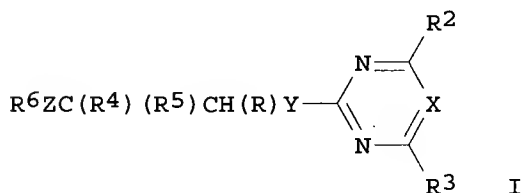
AB A process for the prepn. of substituted (hetero-)aryl compds., e.g.,  
I (wherein R1 and R2 and R3 can be the same or different, e.g., R1 =  
R2 = COOH, R3 = H, Ar = aryl, e.g., quinolinyl, and X = heteroatom,

# INVENTOR SEARCH

=&gt; D BIB ABS HITSTR

L5 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 1997 ACS  
 AN 1995:916669 HCAPLUS  
 DN 123:307319  
 TI **Carboxylic** acid derivatives as inhibitors of endothelin binding to receptors  
 IN **Baumann, Ernst**; Vogelbacher, Uwe Josef; Rheinheimer, Joachim; Klinge, Dagmar; Riechers, Hartmut; Kroeger, Burkhard; Bialojan, Siegfried; Bollschweiler, Claus; Wernet, Wolfgang; et al.  
 PA BASF A.-G., Germany  
 SO Ger. Offen., 31 pp.  
 CODEN: GWXXBX  
 PI DE 4411225 A1 951005  
 AI DE 94-4411225 940331  
 DT Patent  
 LA German  
 OS MARPAT 123:307319  
 GI

*applicant's priority*



AB **Carboxylic** acid derivs. I [R = CHO, CO<sub>2</sub>H, group hydrolyzable to CO<sub>2</sub>H; R<sub>2</sub>, R<sub>3</sub> = halo, C<sub>1</sub>-4 alkyl, C<sub>1</sub>-4 alkoxy, C<sub>1</sub>-4 haloalkoxy, C<sub>1</sub>-4 alkylthio; X = N, CR<sub>14</sub>; R<sub>4</sub> = (substituted) C<sub>1</sub>-10 alkyl, (substituted) C<sub>3</sub>-12 cycloalkyl or cycloalkenyl, (substituted) C<sub>3</sub>-6 alkenyl or alkynyl, (substituted) heterocyclyl, (substituted) Ph or naphthyl; R<sub>5</sub> = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, or R<sub>4</sub> and R<sub>5</sub> complete a 3-8-membered ring; R<sub>6</sub> = (substituted) alkyl, (substituted) alkenyl, (substituted) alkynyl, (substituted) cycloalkyl; R<sub>14</sub> = H or forms an O-contg. 3-4-membered alkylene or alkenylene chain with R<sub>3</sub>; Y = S, O, single bond; Z = S, O] are prepd. as inhibitors of endothelin binding to receptors for treatment of e.g. (pulmonary) hypertension, acute myocardial infarct, Raynaud's syndrome, atherosclerosis, and asthma. Thus, I (R<sub>1</sub> = CO<sub>2</sub>H, R<sub>2</sub> = R<sub>3</sub> = OMe, R<sub>4</sub> = Ph, R<sub>5</sub> = Me, R<sub>6</sub> = 4-isopropylphenyl, X = CH, Y = Z = O) inhibited binding of endothelin to endothelin A receptors of cloned human CHO cells and endothelin B receptors of guinea pig cerebellar membranes with ~~K<sub>i</sub> 2.5 .times. 10<sup>-7</sup> and 3.0 .times. 10<sup>-6</sup>M, resp.~~ I (R = CO<sub>2</sub>Me, R<sub>2</sub> = R<sub>3</sub> = OMe, R<sub>4</sub> = R<sub>6</sub> = Ph, R<sub>5</sub> = H, X = CH, Y = S, Z = O) was prepd. by reaction of Me 3-phenoxy-3-phenyl-2-hydroxybutyrate (prepn. given) with MeSO<sub>2</sub>Cl and 4,6-dimethoxypyrimidine-2-thiol.

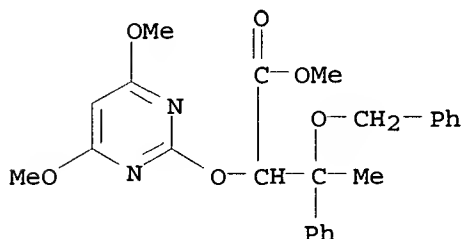
IT 170296-15-8P

RL: BAC (Biological activity or effector, except adverse); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(carboxylic acid derivs. as inhibitors of endothelin  
binding to receptors)

RN 170296-15-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX  
NAME)



IT 159308-02-8P 159308-03-9P 159308-04-0P  
159308-05-1P 159308-06-2P 159308-07-3P  
159308-08-4P 159308-09-5P 159308-10-8P  
159308-11-9P 159308-12-0P 159308-13-1P  
159308-14-2P 159308-15-3P 159308-16-4P  
159308-17-5P 159308-18-6P 159308-19-7P  
159559-14-5P 159559-15-6P 170296-16-9P  
170296-17-0P 170296-18-1P 170296-19-2P  
170296-20-5P 170296-21-6P 170296-22-7P  
170296-23-8P 170296-24-9P 170296-25-0P  
170296-26-1P 170296-27-2P 170296-28-3P  
170296-29-4P 170296-30-7P 170296-31-8P  
170296-32-9P 170296-33-0P 170296-34-1P  
170296-35-2P 170296-36-3P 170296-37-4P  
170296-38-5P 170296-39-6P 170296-40-9P  
170296-41-0P 170296-42-1P 170296-43-2P  
170296-44-3P 170296-45-4P 170296-46-5P  
170296-47-6P 170296-48-7P 170296-49-8P  
170296-50-1P 170296-51-2P 170296-52-3P  
170296-53-4P 170296-54-5P 170296-55-6P  
170296-56-7P 170296-57-8P 170296-58-9P  
170296-59-0P 170296-60-3P 170296-61-4P  
170296-62-5P 170296-63-6P 170296-64-7P  
170296-65-8P 170296-66-9P 170296-67-0P  
170296-68-1P 170296-69-2P 170296-70-5P  
170296-71-6P 170296-72-7P 170296-73-8P  
170296-74-9P 170296-75-0P 170296-76-1P  
170296-77-2P 170296-78-3P 170296-79-4P  
170296-80-7P 170296-81-8P 170296-82-9P  
170296-83-0P 170296-84-1P 170296-85-2P  
170296-86-3P 170296-87-4P 170296-88-5P  
170296-89-6P 170296-90-9P 170296-91-0P  
170296-92-1P 170296-93-2P 170296-94-3P  
170296-95-4P 170296-96-5P 170296-97-6P  
170296-98-7P 170296-99-8P 170297-00-4P  
170297-01-5P 170297-02-6P 170297-03-7P  
170297-04-8P 170297-05-9P 170297-06-0P  
170297-07-1P 170297-08-2P 170297-09-3P  
170297-10-6P

RL: BAC (Biological activity or effector, except adverse); SPN

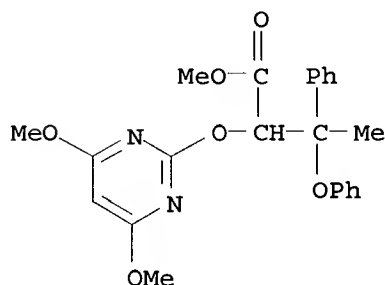


(Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(carboxylic acid derivs. as inhibitors of endothelin binding to receptors)

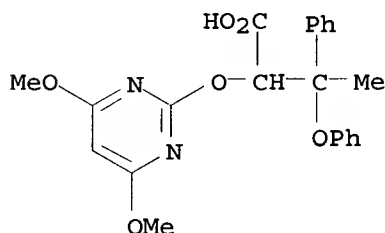
RN 159308-02-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



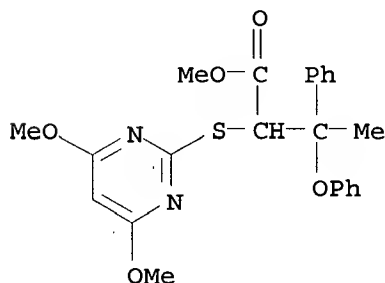
RN 159308-03-9 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



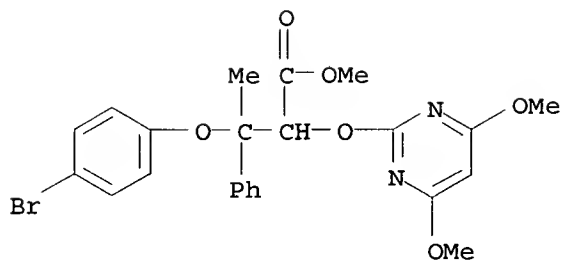
RN 159308-04-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



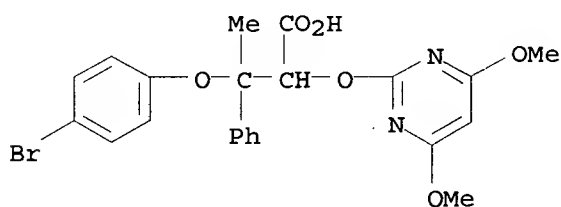
RN 159308-05-1 HCAPLUS

CN Benzenepropanoic acid, .beta.-(4-bromophenoxy)-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



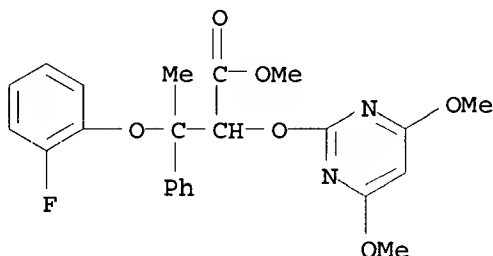
RN 159308-06-2 HCAPLUS

CN Benzenepropanoic acid, .beta.-(4-bromophenoxy)-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl- (9CI) (CA INDEX NAME)



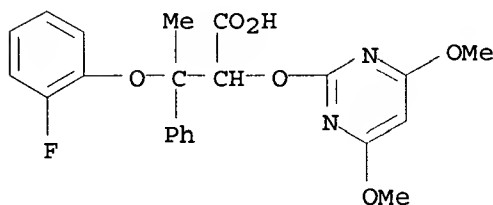
RN 159308-07-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-(2-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



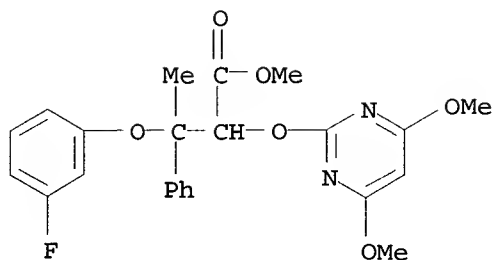
RN 159308-08-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-(2-fluorophenoxy)-.beta.-methyl- (9CI) (CA INDEX NAME)



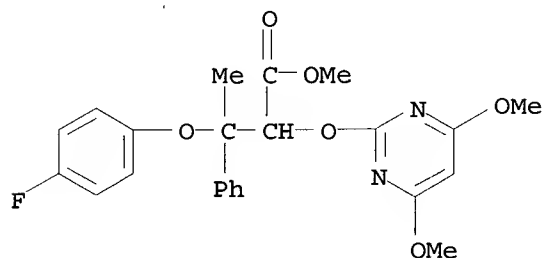
RN 159308-09-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-(3-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



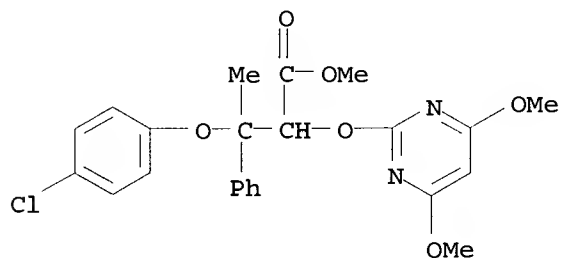
RN 159308-10-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-(4-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



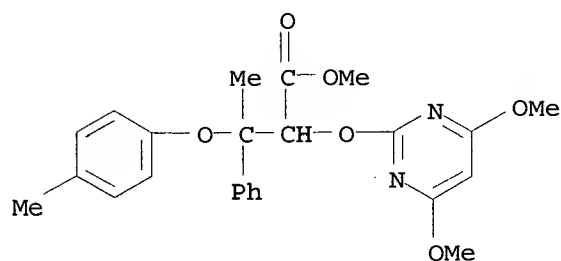
RN 159308-11-9 HCAPLUS

CN Benzenepropanoic acid, .beta.-(4-chlorophenoxy)-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



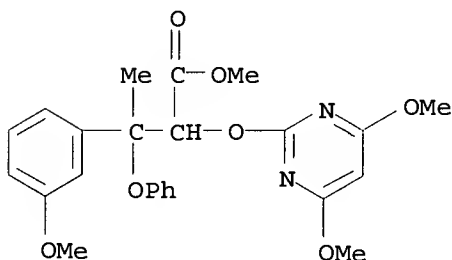
RN 159308-12-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(4-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



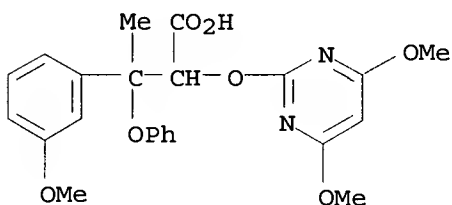
RN 159308-13-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



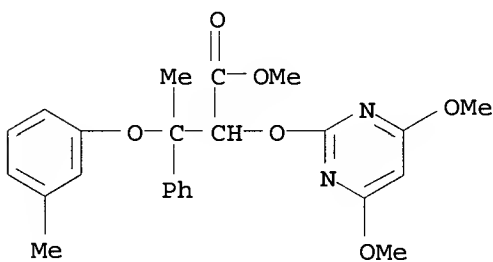
RN 159308-14-2 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



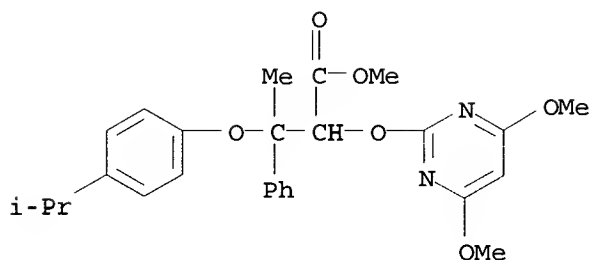
RN 159308-15-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-[3-methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



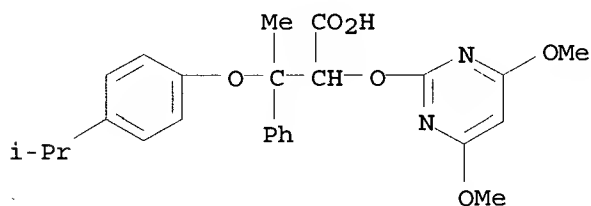
RN 159308-16-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-[4-(1-methylethyl)phenoxy]-, methyl ester (9CI) (CA INDEX NAME)



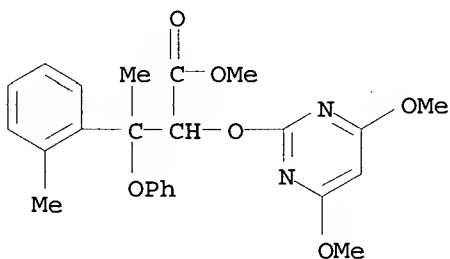
RN 159308-17-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-[4-(1-methylethyl)phenoxy]- (9CI) (CA INDEX  
NAME)



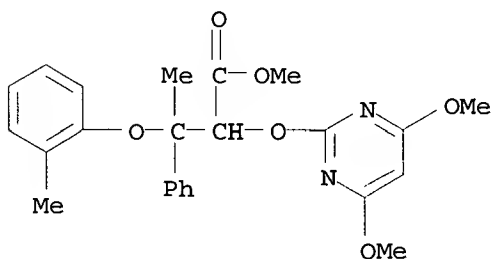
RN 159308-18-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,2-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



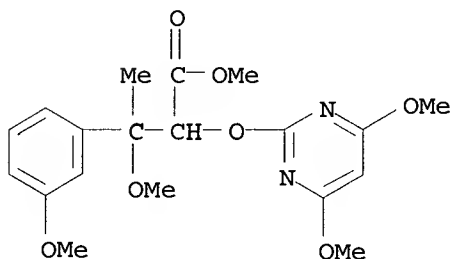
RN 159308-19-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-[4-(1-methylethyl)phenoxy]-, methyl ester (9CI) (CA  
INDEX NAME)



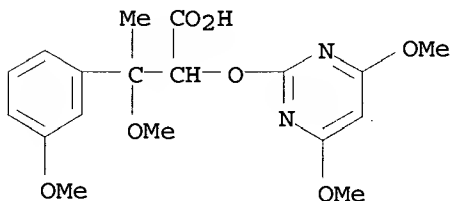
RN 159559-14-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.,3-dimethoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX  
 NAME)



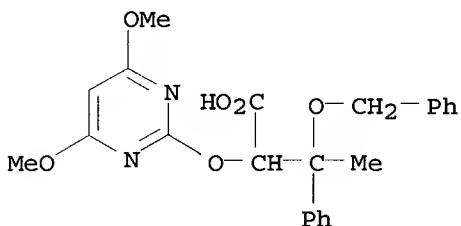
RN 159559-15-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.,3-dimethoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



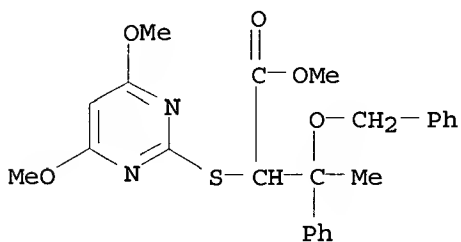
RN 170296-16-9 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



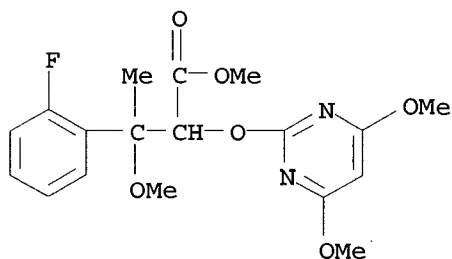
RN 170296-17-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
 .beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX  
 NAME)



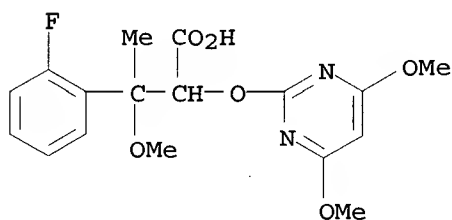
BN 170296-18-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



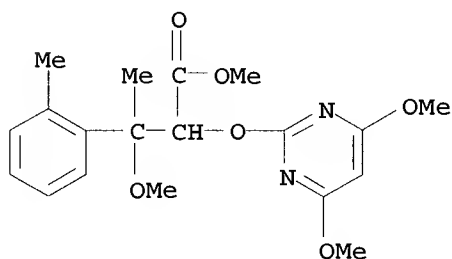
RN 170296-19-2 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



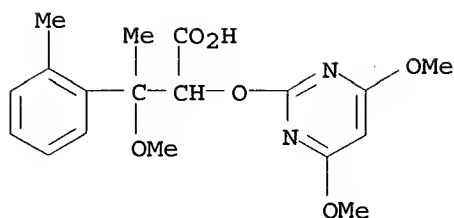
RN 170296-20-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-,2-dimethyl-, methyl ester (9CI) (CA INDEX NAME)



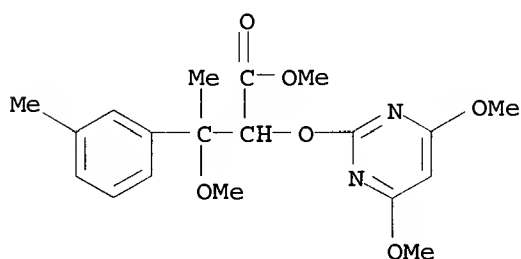
RN 170296-21-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-,2-dimethyl- (9CI) (CA INDEX NAME)



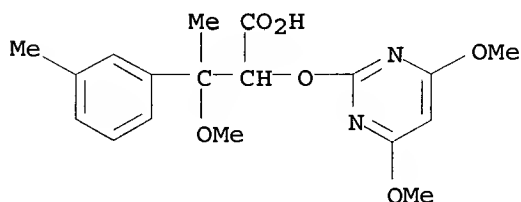
RN 170296-22-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,3-dimethyl-, methyl ester (9CI) (CA INDEX  
NAME)



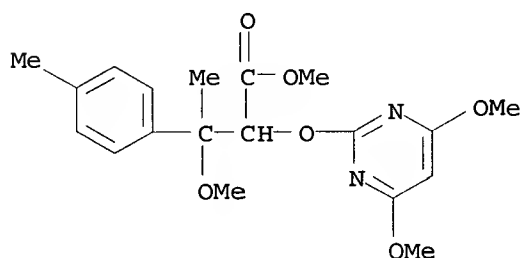
RN 170296-23-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,3-dimethyl- (9CI) (CA INDEX NAME)



RN 170296-24-9 HCAPLUS

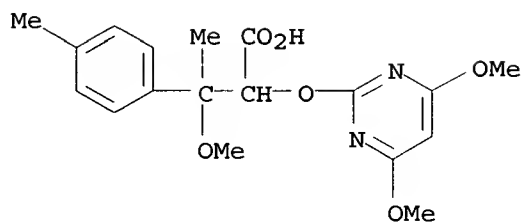
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,4-dimethyl-, methyl ester (9CI) (CA INDEX  
NAME)



RN 170296-25-0 HCAPLUS

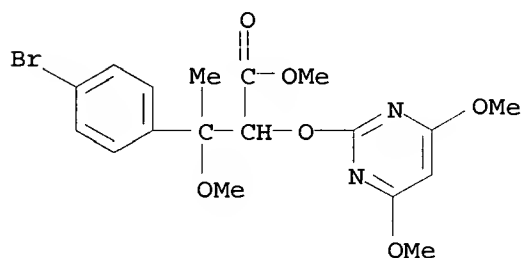
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,4-dimethyl- (9CI) (CA INDEX NAME)





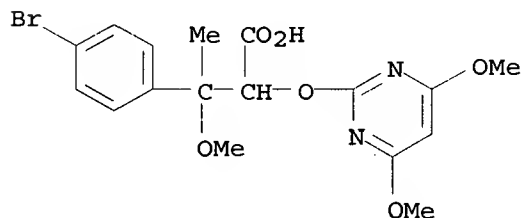
RN 170296-26-1 HCAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



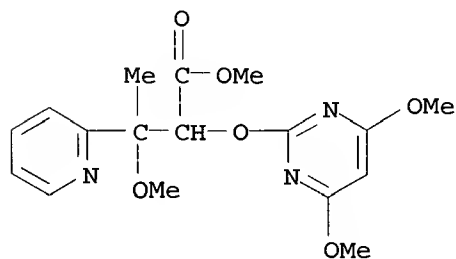
RN 170296-27-2 HCAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



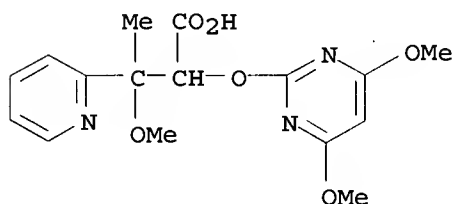
RN 170296-28-3 HCAPLUS

CN 2-Pyridinepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-29-4 HCAPLUS

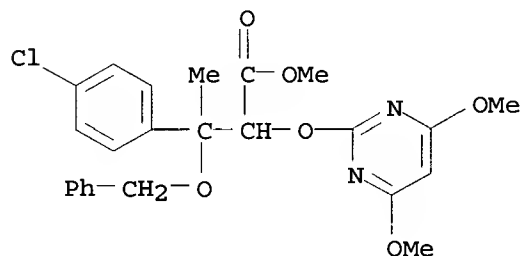
CN 2-Pyridinepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-methyl-, sodium salt (9CI) (CA INDEX NAME)



● Na

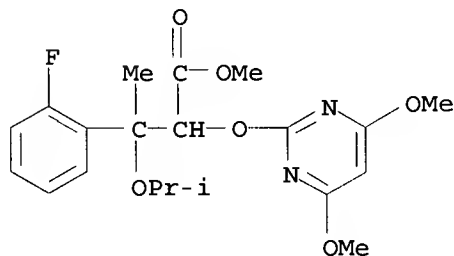
RN 170296-30-7 HCAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



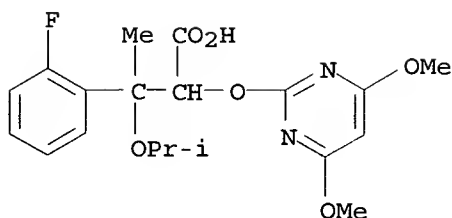
RN 170296-31-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methyl-.beta.-(1-methylethoxy)-, methyl ester (9CI) (CA INDEX NAME)



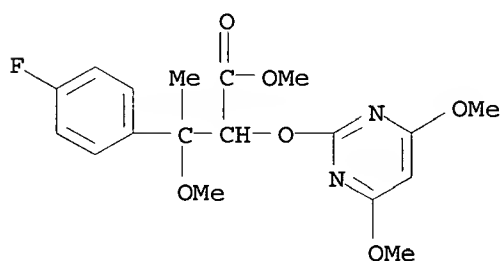
RN 170296-32-9 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methyl-.beta.-(1-methylethoxy)- (9CI) (CA INDEX NAME)



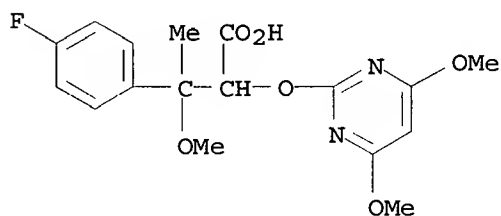
RN 170296-33-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



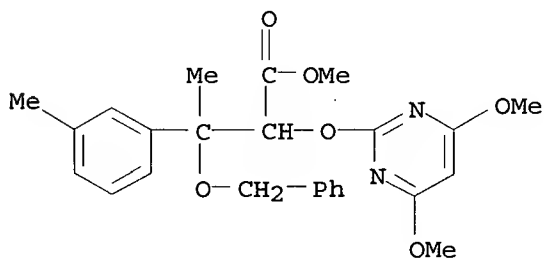
RN 170296-34-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



RN 170296-35-2 HCAPLUS

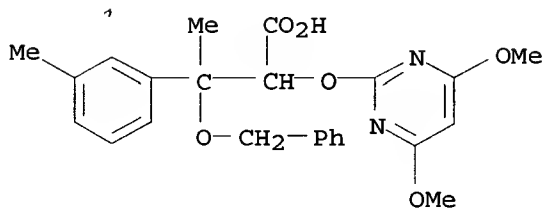
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.,3-dimethyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-36-3 HCAPLUS

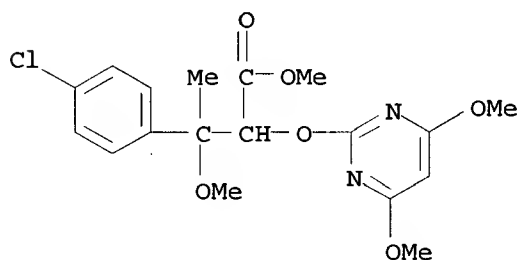
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-

.beta.,3-dimethyl-.beta.-(phenylmethoxy) - (9CI) (CA INDEX NAME)



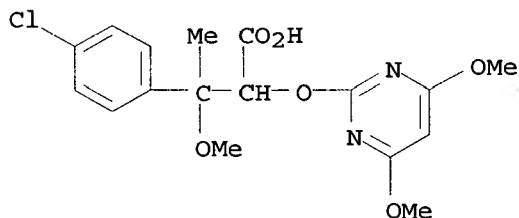
RN 170296-37-4 HCAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



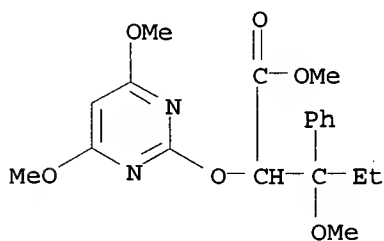
RN 170296-38-5 HCAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



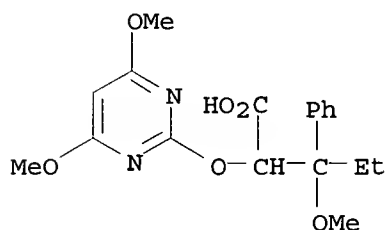
RN 170296-39-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-methoxy-, methyl ester (9CI) (CA INDEX NAME)



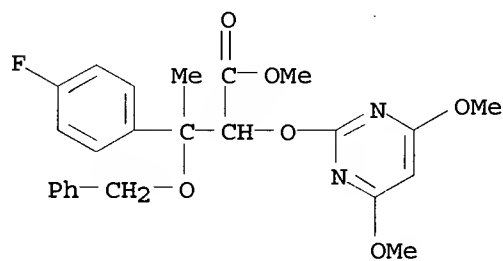
RN 170296-40-9 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-ethyl-.beta.-methoxy- (9CI) (CA INDEX NAME)



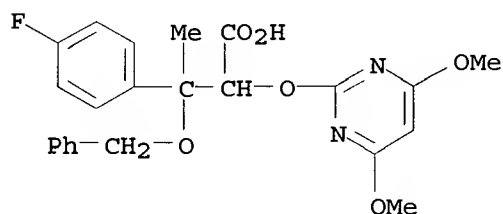
RN 170296-41-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-  
fluoro-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI)  
(CA INDEX NAME)



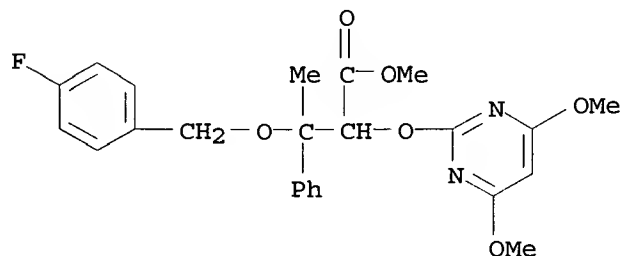
RN 170296-42-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-  
fluoro-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



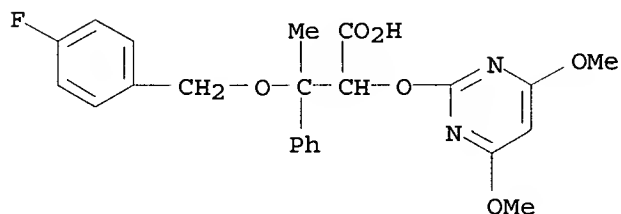
RN 170296-43-2 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(4-fluorophenyl)methoxy]-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



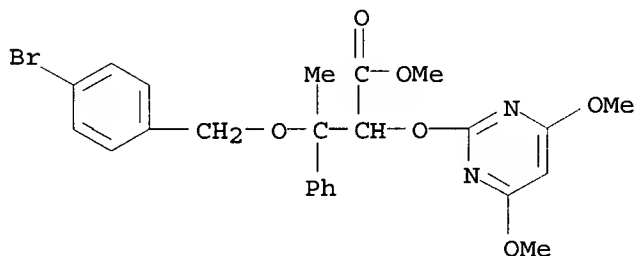
RN 170296-44-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(4-fluorophenyl)methoxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



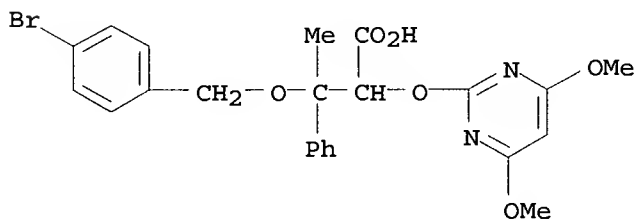
RN 170296-45-4 HCAPLUS

CN Benzenepropanoic acid, .beta.-[(4-bromophenyl)methoxy]-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



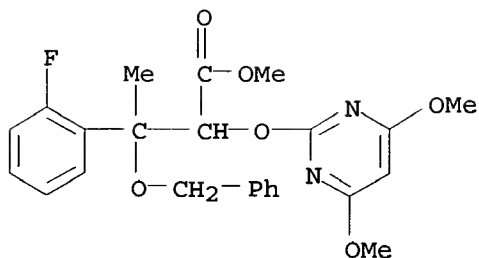
RN 170296-46-5 HCAPLUS

CN Benzenepropanoic acid, .beta.-[(4-bromophenyl)methoxy]-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl- (9CI) (CA INDEX NAME)



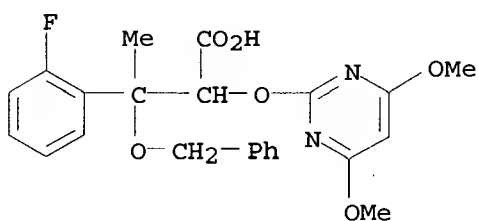
RN 170296-47-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-  
fluoro-.beta.-methyl-.beta.-methyl- (9CI) (CA INDEX NAME)



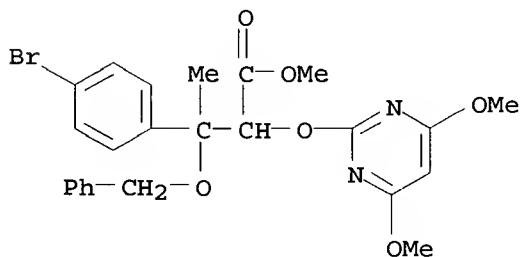
RN 170296-48-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



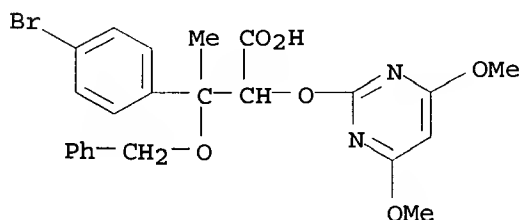
RN 170296-49-8 HCAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-50-1 HCAPLUS

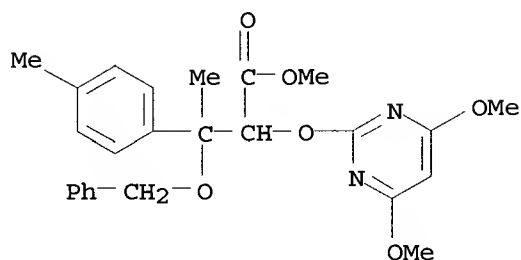
CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



RN 170296-51-2 HCAPLUS

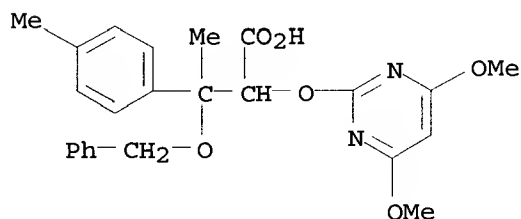
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-

.beta.,4-dimethyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



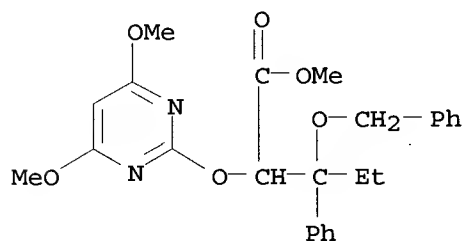
RN 170296-52-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.,4-dimethyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



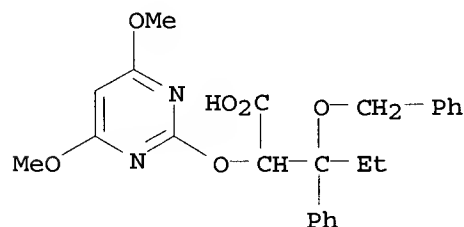
RN 170296-53-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-54-5 HCAPLUS

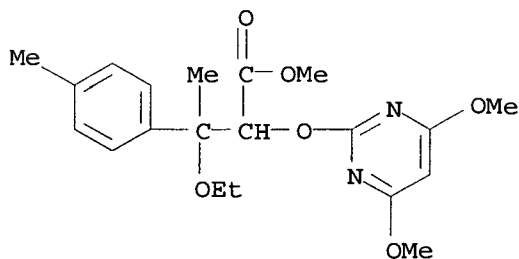
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)





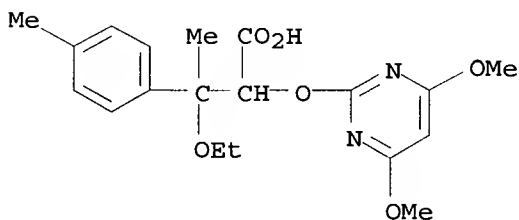
RN 170296-55-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-ethoxy-.beta.,4-dimethyl-, methyl ester (9CI) (CA INDEX  
NAME)



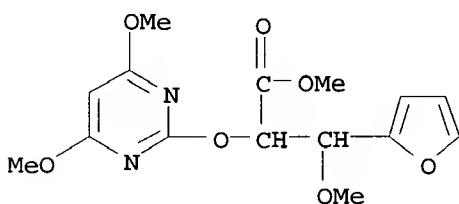
RN 170296-56-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-ethoxy-.beta.,4-dimethyl- (9CI) (CA INDEX NAME)



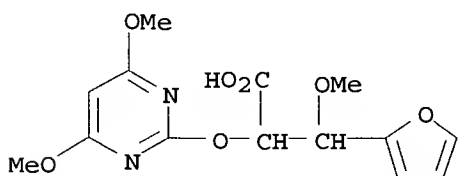
RN 170296-57-8 HCAPLUS

CN 2-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-58-9 HCAPLUS

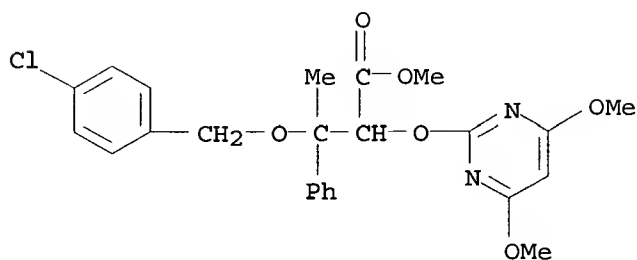
CN 2-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy- (9CI) (CA INDEX NAME)



RN 170296-59-0 HCAPLUS

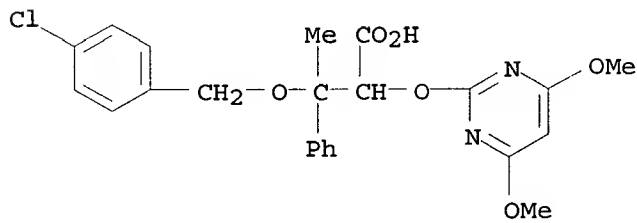
CN Benzenepropanoic acid, .beta.-[(4-chlorophenyl)methoxy]-.alpha.-

[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester  
(9CI) (CA INDEX NAME)



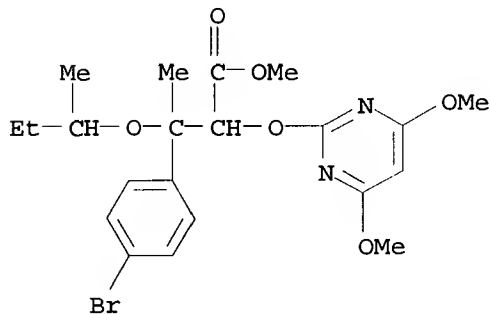
RN 170296-60-3 HCAPLUS

CN Benzenepropanoic acid, .beta.-[(4-chlorophenyl)methoxy]-.alpha.-  
[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



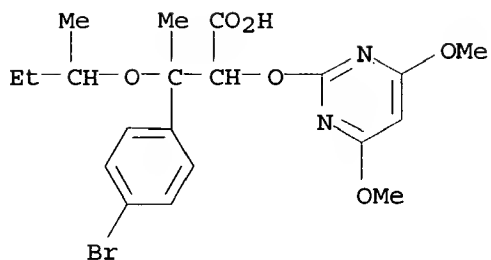
RN 170296-61-4 HCAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)oxy]-.beta.-methyl-.beta.-(1-methylpropoxy)-, methyl  
ester (9CI) (CA INDEX NAME)



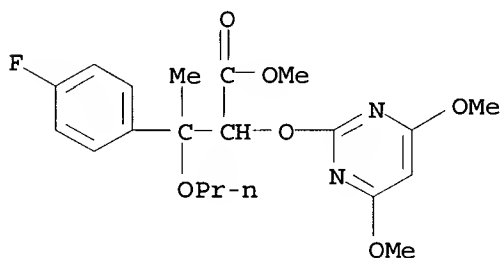
RN 170296-62-5 HCAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)oxy]-.beta.-methyl-.beta.-(1-methylpropoxy)- (9CI) (CA  
INDEX NAME)



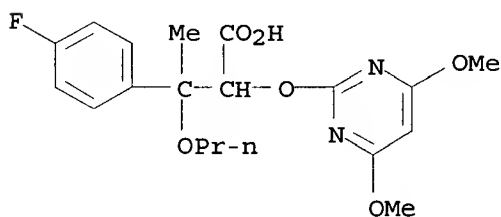
RN 170296-63-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-propoxy-, methyl ester (9CI) (CA INDEX NAME)



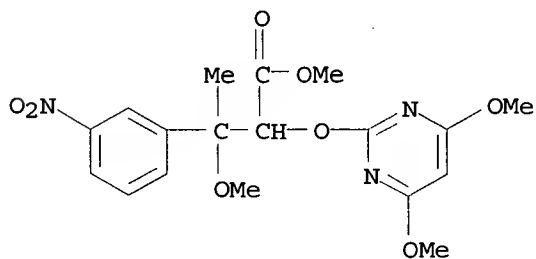
RN 170296-64-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-propoxy- (9CI) (CA INDEX NAME)



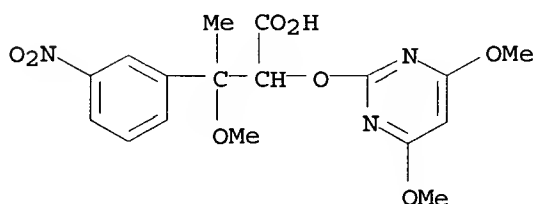
RN 170296-65-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-3-nitro-, methyl ester (9CI) (CA INDEX NAME)



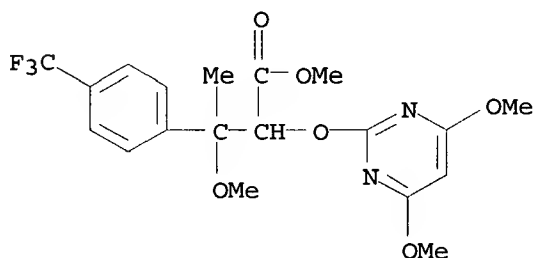
RN 170296-66-9 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-methyl-3-nitro- (9CI) (CA INDEX NAME)



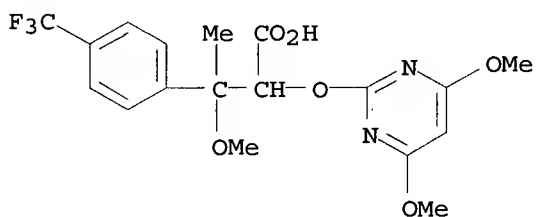
RN 170296-67-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-methyl-4-(trifluoromethyl)-, methyl ester  
(9CI) (CA INDEX NAME)



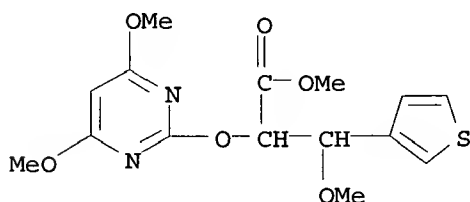
RN 170296-68-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-methyl-4-(trifluoromethyl)- (9CI) (CA INDEX  
NAME)



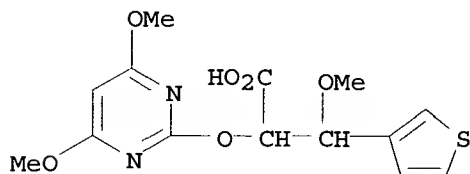
RN 170296-69-2 HCAPLUS

CN 3-Thiophenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)oxy]-.beta.-methoxy-, methyl ester (9CI) (CA INDEX  
NAME)



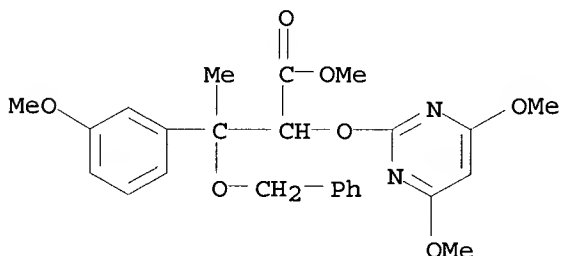
RN 170296-70-5 HCAPLUS

CN 3-Thiophenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy- (9CI) (CA INDEX NAME)



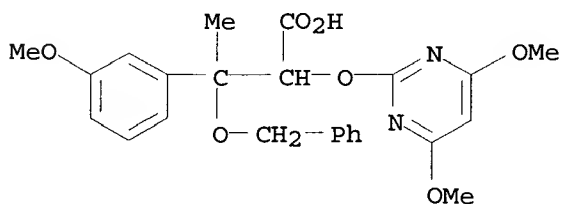
RN 170296-71-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



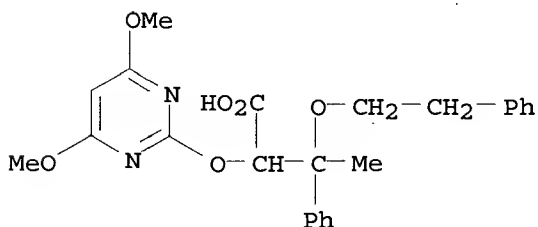
RN 170296-72-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



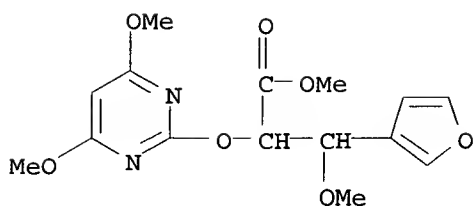
RN 170296-73-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(2-phenylethoxy)- (9CI) (CA INDEX NAME)



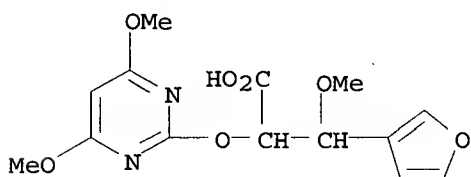
RN 170296-74-9 HCAPLUS

CN 3-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-, methyl ester (9CI) (CA INDEX NAME)



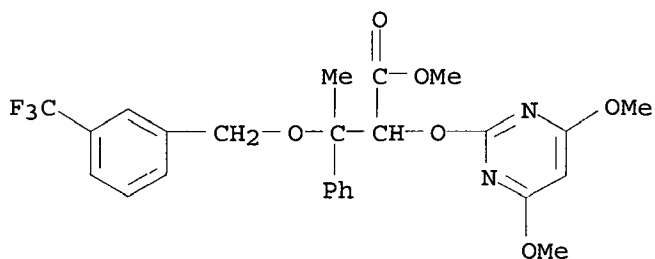
RN 170296-75-0 HCAPLUS

CN 3-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-methoxy- (9CI) (CA INDEX NAME)



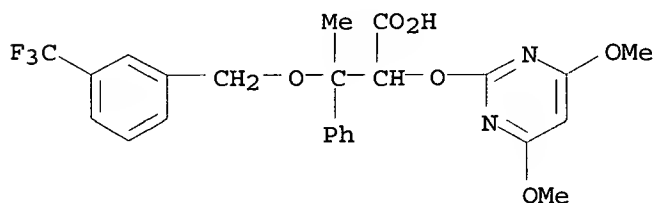
RN 170296-76-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-methyl-.beta.-[[3-(trifluoromethyl)phenyl]methoxy]-, methyl  
ester (9CI) (CA INDEX NAME)



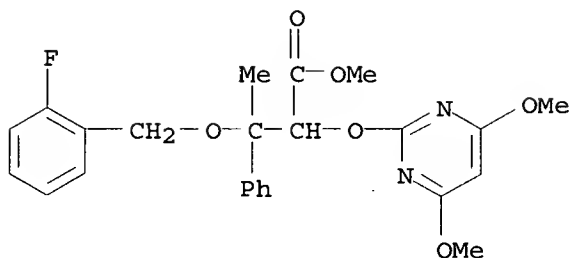
RN 170296-77-2 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-methyl-.beta.-[[3-(trifluoromethyl)phenyl]methoxy]- (9CI)  
(CA INDEX NAME)



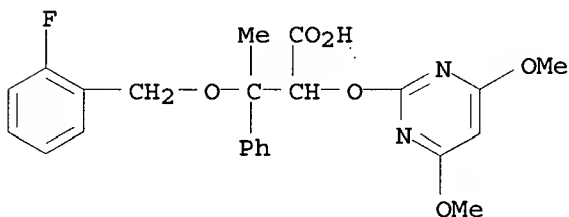
RN 170296-78-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-[(2-fluorophenyl)methoxy]-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



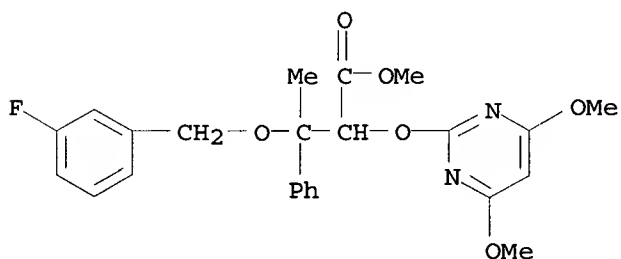
RN 170296-79-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(2-fluorophenyl)methoxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



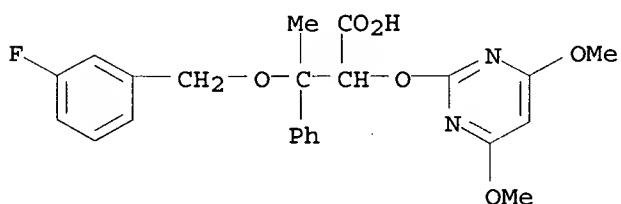
RN 170296-80-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(3-fluorophenyl)methoxy]-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



RN 170296-81-8 HCAPLUS

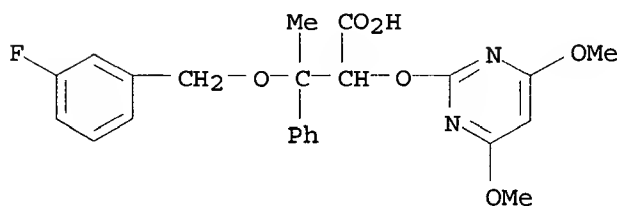
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(3-fluorophenyl)methoxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



RN 170296-82-9 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-

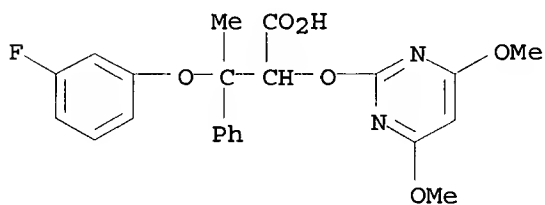
.beta.-[(3-fluorophenyl)methoxy]-.beta.-methyl-, sodium salt (9CI)  
(CA INDEX NAME)



● Na

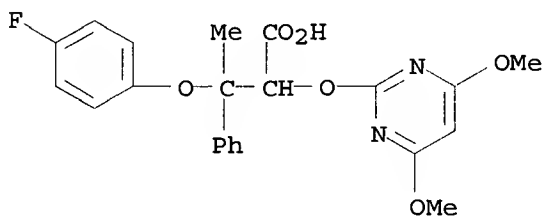
RN 170296-83-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.- (3-fluorophenoxy)-.beta.-methyl- (9CI) (CA INDEX NAME)



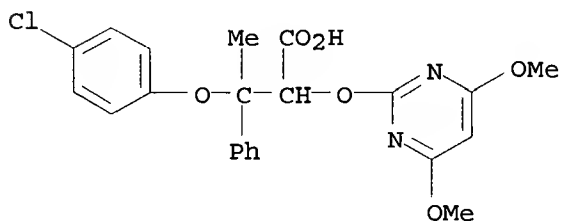
RN 170296-84-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.- (4-fluorophenoxy)-.beta.-methyl- (9CI) (CA INDEX NAME)



RN 170296-85-2 HCAPLUS

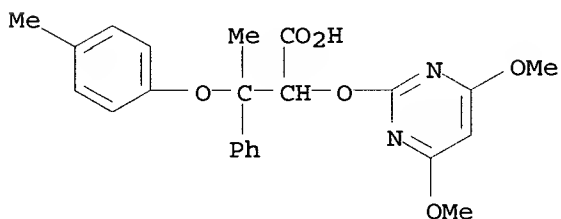
CN Benzenepropanoic acid, .beta.- (4-chlorophenoxy)-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl- (9CI) (CA INDEX NAME)



RN 170296-86-3 HCAPLUS

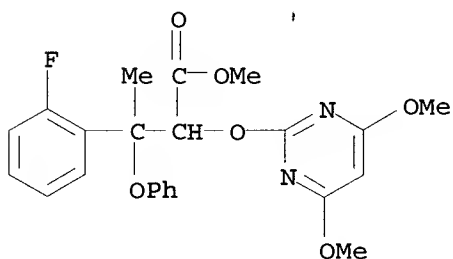


CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(4-methylphenoxy)- (9CI) (CA INDEX NAME)



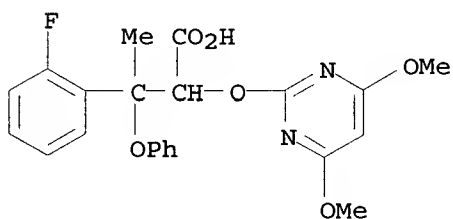
RN 170296-87-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-  
fluoro-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



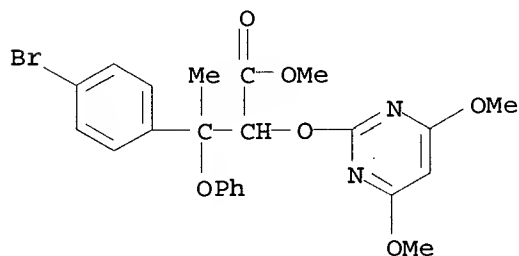
RN 170296-88-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-  
fluoro-.beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



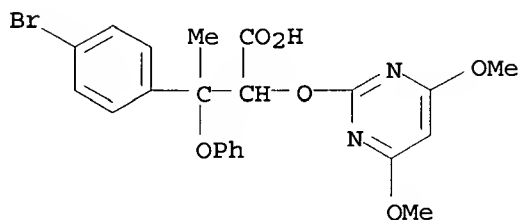
RN 170296-89-6 HCAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI)  
(CA INDEX NAME)



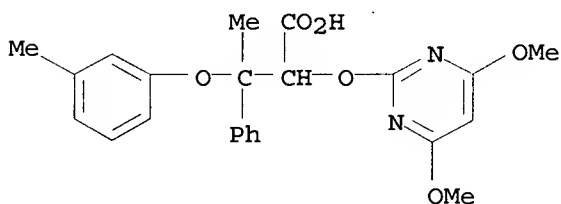
RN 170296-90-9 HCAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



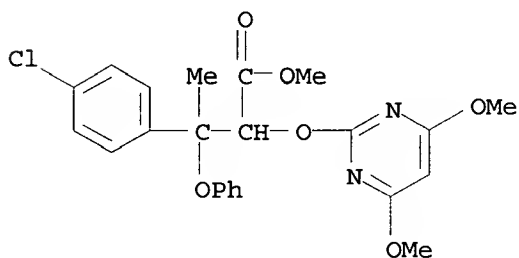
RN 170296-91-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.- (3-methylphenoxy)- (9CI) (CA INDEX NAME)



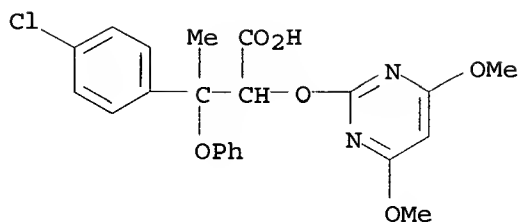
RN 170296-92-1 HCAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



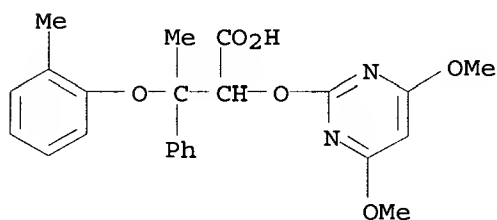
RN 170296-93-2 HCAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



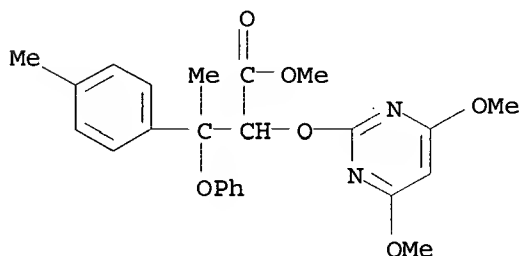
RN 170296-94-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(2-methylphenoxy)- (9CI) (CA INDEX NAME)



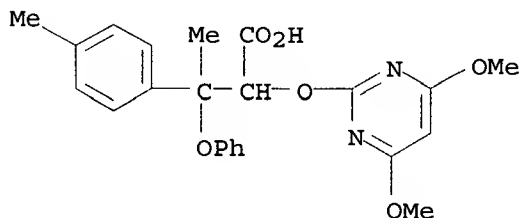
RN 170296-95-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,4-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



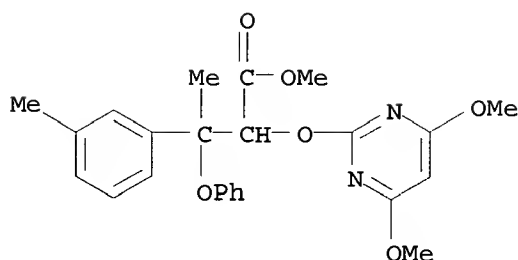
RN 170296-96-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,4-dimethyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



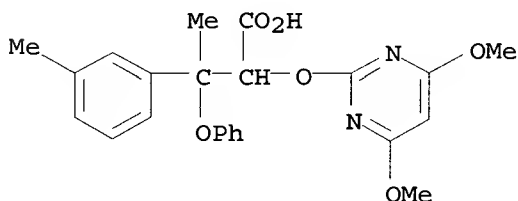
RN 170296-97-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



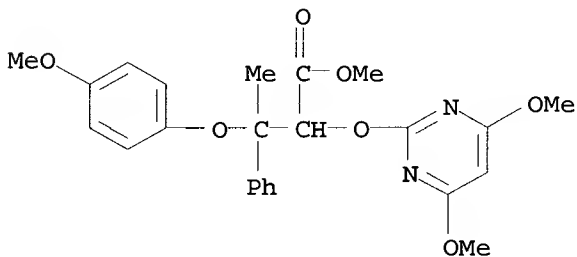
RN 170296-98-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



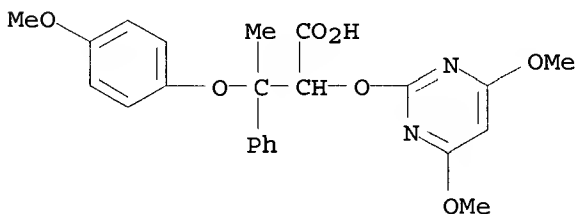
RN 170296-99-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-(4-methoxyphenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



RN 170297-00-4 HCAPLUS

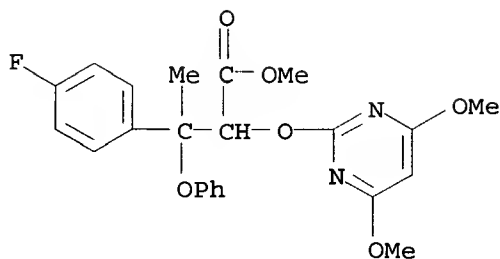
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-(4-methoxyphenoxy)-.beta.-methyl- (9CI) (CA INDEX NAME)



RN 170297-01-5 HCAPLUS

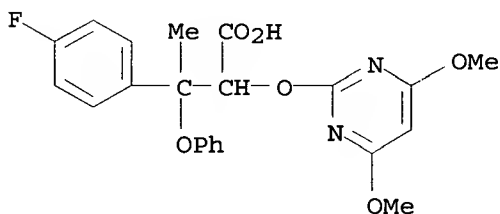
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-  
fluoro-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX

NAME)



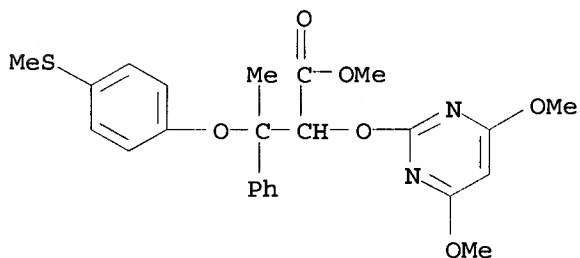
RN 170297-02-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



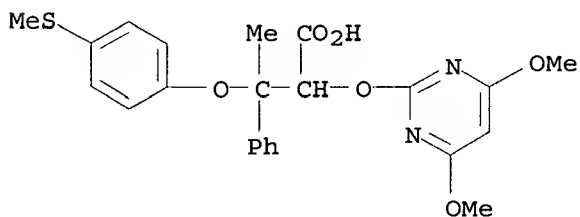
RN 170297-03-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-[4-(methylthio)phenoxy]-, methyl ester (9CI) (CA INDEX NAME)



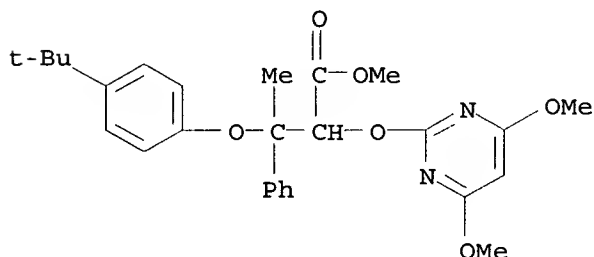
RN 170297-04-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-[4-(methylthio)phenoxy]- (9CI) (CA INDEX NAME)



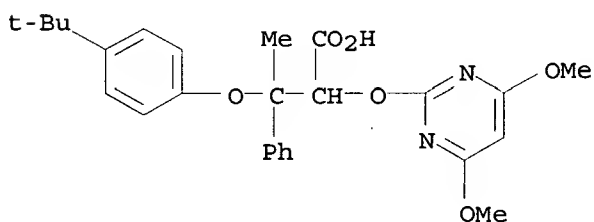
RN 170297-05-9 HCAPLUS

-CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-[4-(1,1-dimethylethyl)phenoxy]-.beta.-methyl-, methyl ester  
 (9CI) (CA INDEX NAME)



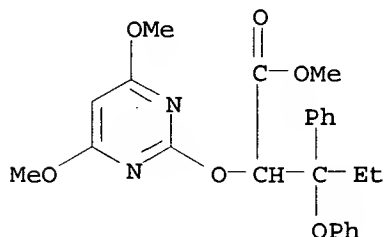
RN 170297-06-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-[4-(1,1-dimethylethyl)phenoxy]-.beta.-methyl- (9CI) (CA  
 INDEX NAME)



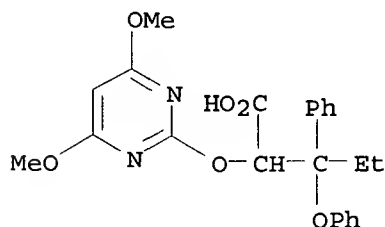
RN 170297-07-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-ethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



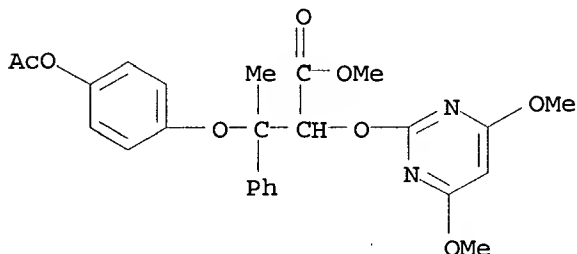
RN 170297-08-2 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-ethyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



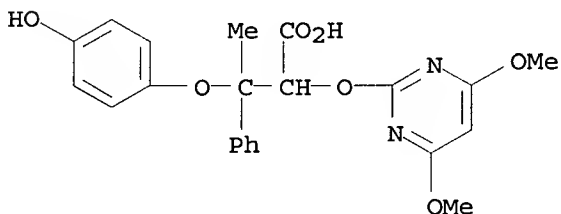
RN 170297-09-3 HCAPLUS

CN Benzenepropanoic acid, .beta.-[4-(acetyloxy)phenoxy]-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



RN 170297-10-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-[4-(hydroxyphenoxy)]-.beta.-methyl- (9CI) (CA INDEX NAME)



IT 57235-35-5, 4,6-Dimethoxypyrimidine-2-thiol

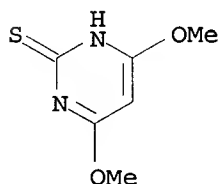
113583-35-0, 4,6-Dimethoxy-2-methylsulfonylpyrimidine

RL: RCT (Reactant)

(carboxylic acid derivs. as inhibitors of endothelin binding to receptors)

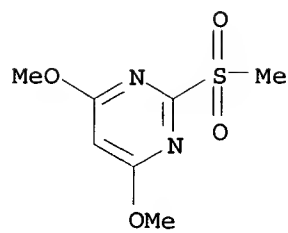
RN 57235-35-5 HCAPLUS

CN 2(1H)-Pyrimidinethione, 4,6-dimethoxy- (9CI) (CA INDEX NAME)



RN 113583-35-0 HCAPLUS

CN Pyrimidine, 4,6-dimethoxy-2-(methylsulfonyl)- (9CI) (CA INDEX NAME)

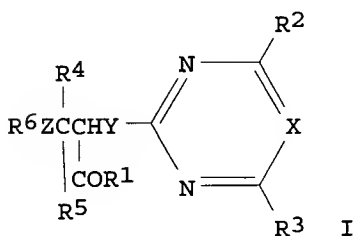






=> D BIB ABS HITSTR 2

L5 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 1997 ACS  
AN 1994:700921 HCAPLUS  
DN 121:300921  
TI Preparation of 3-(hetero)aryloxy(thio)carboxylic acid  
derivatives as agrochemical herbicides  
IN **Baumann, Ernst**; Rheinheimer, Joachim; Vogelbacher, Uwe  
Josef; Bratz, Matthias; Meyer, Norbert; Gerber, Matthias; Walter,  
Helmut; Rademacher, Wilhelm; Westphalen, Karl Otto  
PA BASF A.-G., Germany  
SO Ger. Offen., 26 pp.  
CODEN: GWXXBX  
PI DE 4313413 A1 941027  
AI DE 93-4313413 930423  
DT Patent  
LA German  
OS MARPAT 121:300921  
GI



AB The title compds. [I; R1 = H, succinimidyloxy residue, (un)substituted N-contg. 5-membered heterocyclic residue, etc.; R2, R3 = halogen, alkyl, alkoxy, thioalkyl, etc.; R4 = C1-10 alkyl contg. 1-5 halogen atom(s), (un)substituted heterocyclyl residue, (un)substituted Ph or naphthyl, etc.; R5 = H, alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R6 = (un)substituted Ph or naphthyl, (un)substituted heteroaryl, etc.; X = undefined (sic); Y = direct bond, O, S; Z = S, O] (e.g., R1-R3 = OMe, R4 = R6 = Ph, R5 = Me, X = CH, Y = Z = O; m.p. 100-103.degree.), useful as agrochem. herbicides for the control of unwanted plants in crop fields, are prep'd. and a I-contg. formulation presented.

IT 159308-02-8P

RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

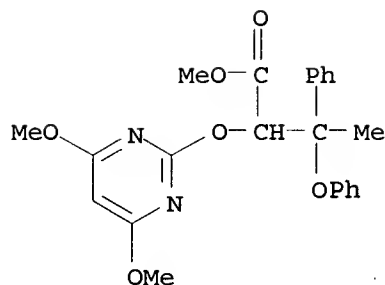
```



```

RN 159308-02-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)

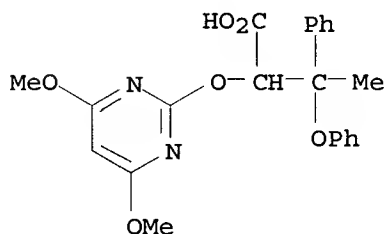


IT 159308-03-9P 159308-04-0P 159308-05-1P  
 159308-06-2P 159308-07-3P 159308-08-4P  
 159308-09-5P 159308-10-8P 159308-11-9P  
 159308-12-0P 159308-13-1P 159308-14-2P  
 159308-15-3P 159308-16-4P 159308-17-5P  
 159308-18-6P 159308-19-7P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of 3-(hetero)aryloxy(thio)carboxylic acid  
 derivs. as agrochem. herbicides)

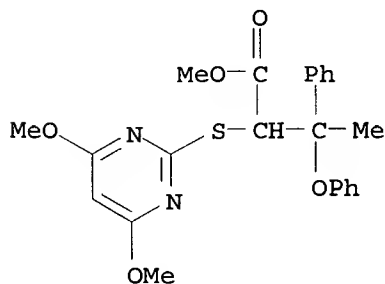
RN 159308-03-9 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



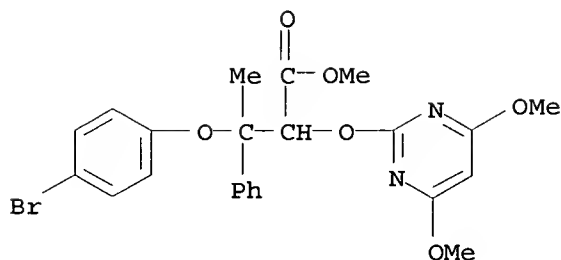
RN 159308-04-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
 .beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



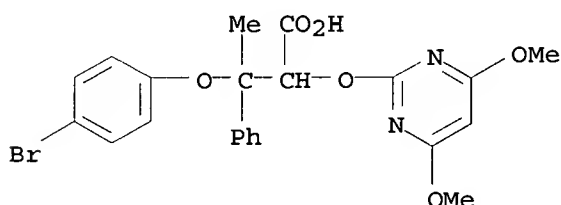
RN 159308-05-1 HCAPLUS

CN Benzenepropanoic acid, .beta.-(4-bromophenoxy)-.alpha.-[(4,6-  
 dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
 INDEX NAME)



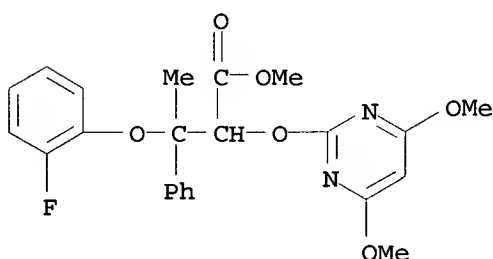
RN 159308-06-2 HCAPLUS

CN Benzenepropanoic acid, .beta.-(4-bromophenoxy)-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl- (9CI) (CA INDEX NAME)



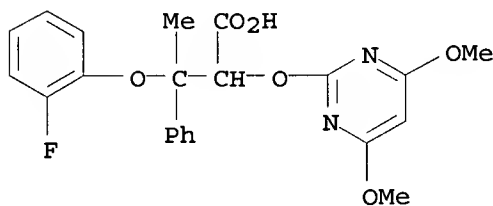
RN 159308-07-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-(2-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



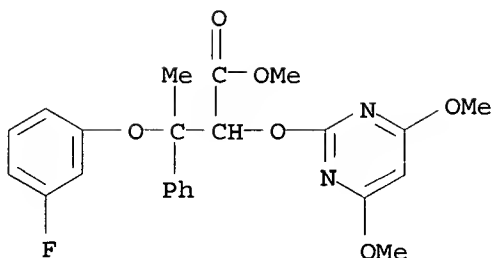
RN 159308-08-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-(2-fluorophenoxy)-.beta.-methyl- (9CI) (CA INDEX NAME)



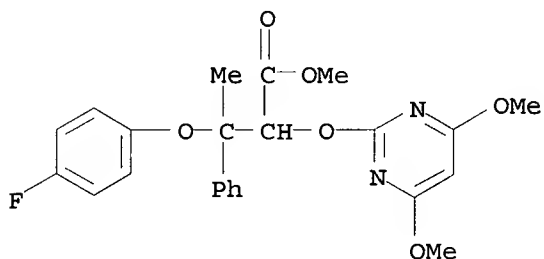
RN 159308-09-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-(3-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



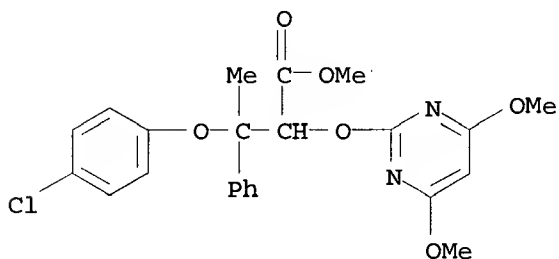
RN 159308-10-8 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-(4-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



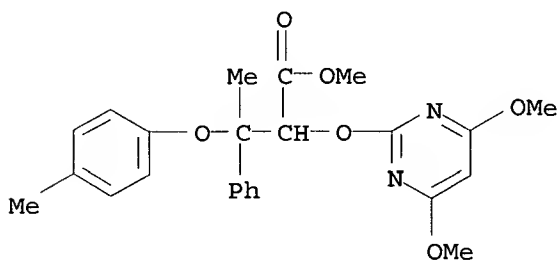
RN 159308-11-9 HCAPLUS

CN Benzenepropanoic acid, .beta.-(4-chlorophenoxy)-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



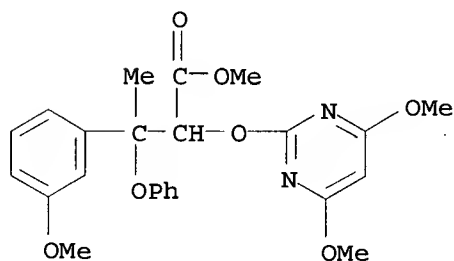
RN 159308-12-0 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(4-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



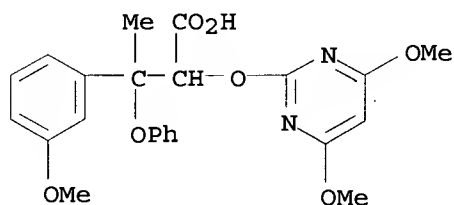
RN 159308-13-1 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



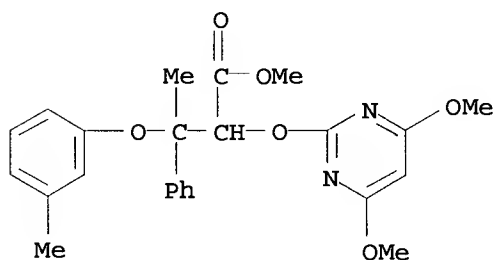
RN 159308-14-2 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-phenoxy- (9CI) (CA INDEX NAME)



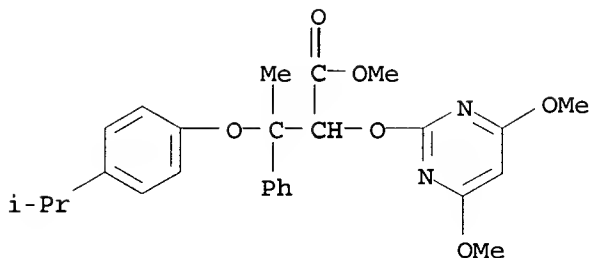
RN 159308-15-3 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-[3-methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



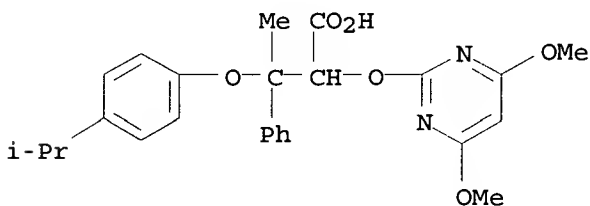
RN 159308-16-4 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-[4-(1-methylethyl)phenoxy]-, methyl ester (9CI) (CA INDEX NAME)



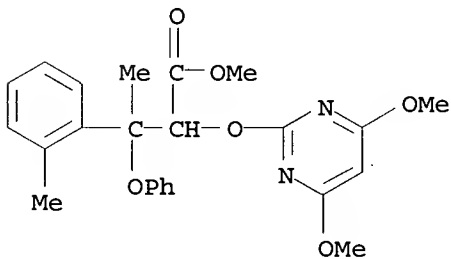
RN 159308-17-5 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-[4-(1-methylethyl)phenoxy]- (9CI) (CA INDEX  
NAME)



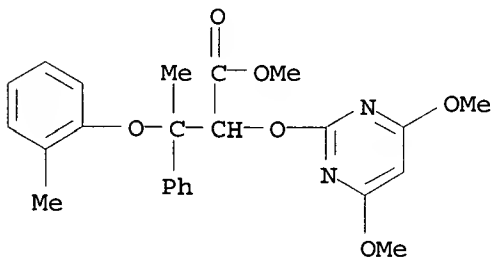
RN 159308-18-6 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-,2-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



RN 159308-19-7 HCAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.- (2-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



IT 57235-35-5, 4,6-Dimethoxypyrimidine-2-thiol

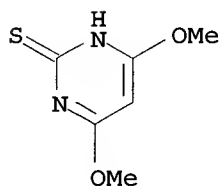
113583-35-0, 4,6-Dimethoxy-2-(methylsulfonyl)pyrimidine

RL: RCT (Reactant)

(prepn. of 3-(hetero)aryloxy(thio)carboxylic acid  
derivs. as agrochem. herbicides)

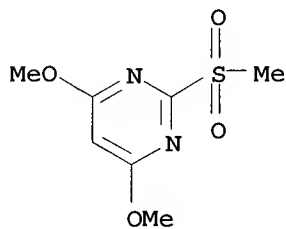
RN 57235-35-5 HCAPLUS

CN 2(1H)-Pyrimidinethione, 4,6-dimethoxy- (9CI) (CA INDEX NAME)



RN 113583-35-0 HCAPLUS

CN Pyrimidine, 4,6-dimethoxy-2-(methylsulfonyl)- (9CI) (CA INDEX NAME)





=> D HIS

(FILE 'REGISTRY' ENTERED AT 15:06:29 ON 10 SEP 1997)  
DEL HIS Y

FILE 'HCAPLUS' ENTERED AT 15:50:40 ON 10 SEP 1997

L1 206 S BAUMANN E?/AU  
L2 3 S L1 AND CARBOXYL?  
SELECT RN L2 1-3

FILE 'REGISTRY' ENTERED AT 15:51:04 ON 10 SEP 1997

L3 179 S E1-179  
L4 118 S L3 AND (NCNCNC/ESS OR NCNC3/ESS)

FILE 'HCAPLUS' ENTERED AT 15:52:06 ON 10 SEP 1997

L5 2 S L2 AND L4

=>

=> d 124 qhit bib abs 6

5 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE  
ENTER ANSWER NUMBER OR RANGE (1):end

249 24430

MIASO DONTAM

=> d his

(FILE 'HOME' ENTERED AT 07:22:36 ON 11 SEP 1997)

FILE 'REGISTRY' ENTERED AT 07:22:42 ON 11 SEP 1997  
ACT JONES718/A

-----  
L1 STR  
L2 900 SEA FILE=REGISTRY SSS FUL L1  
-----  
L3 STR L1  
L4 40 S L3 SSS SAM SUB=L2  
L5 805 S L3 SSS FUL SUB=L2  
L6 STR L3

FILE 'CAPLUS' ENTERED AT 07:32:37 ON 11 SEP 1997

FILE 'REGISTRY' ENTERED AT 07:34:44 ON 11 SEP 1997  
L7 STR L6  
L8 0 S L7 SSS SAM SUB=L2  
L9 5 S L7 SSS FUL SUB=L2

FILE 'CAPLUS' ENTERED AT 07:41:03 ON 11 SEP 1997  
L10 47 S L5  
L11 1 S L9  
L12 47 S L10 OR L11  
L13 7 S L12 AND ENDOTHEL?  
L14 0 S L11 AND L13  
L15 5 S L12 AND (DRUG? OR PHARMA?/BI,SC,SX)  
L16 8 S L13 OR L15  
L17 0 S L16 AND L11

*Genus + method*

FILE 'CAOLD, CAPLUS' ENTERED AT 07:43:25 ON 11 SEP 1997  
L18 0 FILE CAOLD  
L19 1 FILE CAPLUS  
TOTAL FOR ALL FILES  
L20 1 S L11

FILE 'BEILSTEIN' ENTERED AT 07:43:40 ON 11 SEP 1997  
L21 0 S L7 FUL

FILE 'MARPAT' ENTERED AT 07:44:05 ON 11 SEP 1997  
L22 2 S L2  
L23 53 S L2 FUL  
L24 5 S L7 SSS FUL SUB=L23

FILE 'CAPLUS' ENTERED AT 07:52:13 ON 11 SEP 1997  
L25 38 S L12 NOT (L11 OR L16)

FILE 'CAOLD' ENTERED AT 08:07:56 ON 11 SEP 1997  
L26 7 S L5

FILE 'REGISTRY' ENTERED AT 08:12:42 ON 11 SEP 1997  
SAV JONES718B/A L5 TEMP  
L27 QUE L3

FILE 'USPATFULL' ENTERED AT 08:40:30 ON 11 SEP 1997  
L28 11 S L5

L29 0 S L28 AND ENDOTHEL?

FILE 'BIOSIS, MEDLINE' ENTERED AT 08:56:34 ON 11 SEP 1997

L30 3 FILE BIOSIS

L31 0 FILE MEDLINE

TOTAL FOR ALL FILES

L32 3 S L5

L33 3 FILE BIOSIS

L34 0 FILE MEDLINE

TOTAL FOR ALL FILES

L35 3 S ENDOTHEL? AND L32

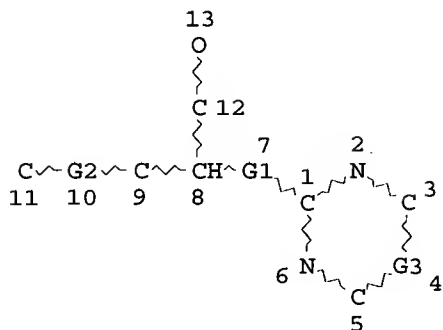
FILE 'CAOLD' ENTERED AT 08:58:32 ON 11 SEP 1997

L36 0 S L9

*Genus + method*

=&gt; d que 110

L1 STR



REP G1=(0-1) Q

VAR G2=O/S

VAR G3=N/C

NODE ATTRIBUTES:

NSPEC IS RC AT 9

NSPEC IS RC AT 11

CONNECT IS E3 RC AT 3

CONNECT IS E3 RC AT 5

CONNECT IS M3 RC AT 9

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

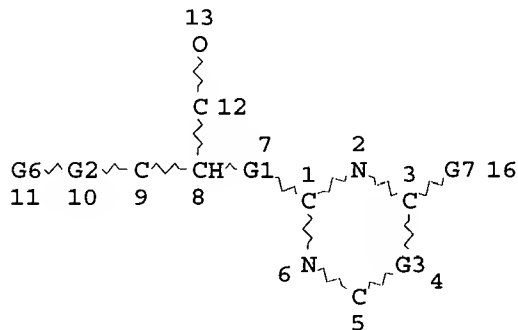
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

L2 900 SEA FILE=REGISTRY SSS FUL L1

L3 STR



$$\begin{array}{c} \text{C} \oplus \text{C} \\ @14 \quad 15 \end{array}$$

$$\begin{array}{cc} \text{Ak @17} & \text{Ak—X} \\ @19 \quad 20 \end{array}$$

$$\begin{array}{ccc} \text{O—Ak} & \text{O—Ak—X} & \text{S—Ak} \\ @22 \quad 23 & @24 \quad 25 \quad 26 & @28 \quad 29 \end{array}$$

REP G1=(0-1) Q

VAR G2=O/S

VAR G3=N/C

VAR G6=C/14

VAR G7=X/17/19/22/24/28

NODE ATTRIBUTES:

NSPEC IS RC AT 9

CONNECT IS E3 RC AT 3

CONNECT IS E3 RC AT 5  
CONNECT IS M3 RC AT 9  
CONNECT IS E1 RC AT 17  
CONNECT IS E1 RC AT 23  
CONNECT IS E1 RC AT 29  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE  
L5 805 SEA FILE=REGISTRY SUB=L2 SSS FUL L3  
L10 47 SEA FILE=CAPLUS ABB=ON PLU=ON L5

=> d his l22-

(FILE 'MARPAT' ENTERED AT 07:44:05 ON 11 SEP 1997)  
L22 2 S L2  
L23 53 S L2 FUL  
L24 5 S L7 SSS FUL SUB=L23

FILE 'CAPLUS' ENTERED AT 07:52:13 ON 11 SEP 1997  
L25 38 S L12 NOT (L11 OR L16)

=> d 116 bib abs hitstr

L16 ANSWER 1 OF 8 CAPLUS COPYRIGHT 1997 ACS

AN 1997:402671 CAPLUS

TI Endothelin-1 mediates the development of severe acute pancreatitis

AU Foitzik, Thomas; Faulhaber, J.; Hotz, H. G.; Kirchengast, M.; Buhr, H. J.

CS Abteilung Allgemein-, Gefass- Thoraxchirurgie, Klinikum Benjamin Franklin, Berlin, D-12200, Germany

SO Chir. Forum Exp. Klin. Forsch. (1997) 749-753

CODEN: CFEKA7; ISSN: 0303-6227

PB Springer

DT Journal

LA German

AB In edematous pancreatitis of rats, endothelin-1 (ET-1) decreased pancreatic capillary blood flow and caused development of acinar cell necrosis. Transgenic rats with ET-1 receptor overexpression developed more severe disease, while prophylactic administration of the selective ET-1 receptor antagonist, LU 135252, ameliorated disease severity. After manifestation of necrotizing pancreatitis, ET-1 receptor blockade enhanced decreased pancreatic capillary blood flow and decreased mortality although the development of acinar cell necrosis was not diminished. Improved survival was assocd. with less ascites and decreased hematocrit indicating decreased fluid loss into the 3rd space and suggesting that the antagonist counteracted an ET-1-induced increase in vascular permeability.

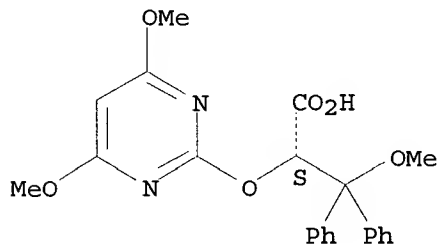
IT 171714-84-4, LU 135252

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (endothelin-1 mediates the development of acute pancreatitis)

RN 171714-84-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

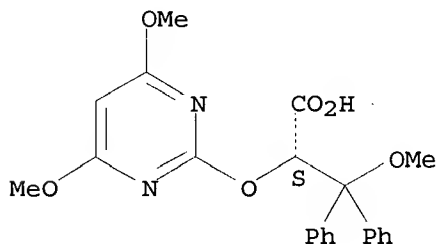


*bael*

=> d 116 bib abs hitstr 5

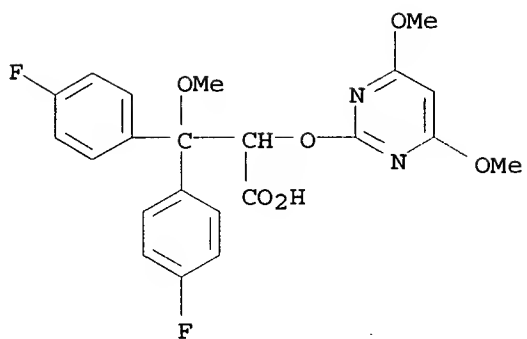
L16 ANSWER 5 OF 8 CAPLUS COPYRIGHT 1997 ACS  
AN 1996:271791 CAPLUS  
DN 125:328  
TI Discovery and Optimization of a Novel Class of Orally Active  
~~Nonpeptidic Endothelin-A Receptor Antagonists~~  
AU Riechers, Hartmut; Albrecht, Hans-Peter; Amberg, Willi; Baumann,  
Ernst; Bernard, Harald; Boehm, Hans-Joachim; Klinge, Dagmar; Kling,  
Andreas; Mueller, Stefan; et al.  
CS Hauptlaboratorium, BASF AG, Ludwigshafen, 67056, Germany  
SO J. Med. Chem. (1996), 39(11), 2123-8  
CODEN: JMCMAR; ISSN: 0022-2623  
DT Journal  
LA English  
OS CASREACT 125:328; CJACS-IMAGE; CJACS  
AB A novel class of endothelin-A receptor ligands was  
discovered by high-throughput screening. Lead structure  
optimization led to highly potent antagonists which can be  
synthesized in a short sequence. The compds. are endothelin  
-A-selective, are orally available, and show a long duration of  
action.  
IT 171714-84-4P, LU 127043 177036-81-6P  
177036-82-7P 177036-83-8P 177036-84-9P  
177036-85-0P 177036-86-1P 177036-87-2P  
177036-88-3P 177036-89-4P 177036-91-8P  
177036-93-0P 177036-94-1P 177036-95-2P,  
LU 134981 177036-96-3P, LU 136181 177036-98-5P  
177036-99-6P 177037-00-2P  
RL: BAC (Biological activity or effector, except adverse); PRP  
(Properties); SPN (Synthetic preparation); THU (Therapeutic use);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of a novel class of orally active nonpeptidic  
endothelin-a receptor antagonists)  
RN 171714-84-4 CAPLUS  
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



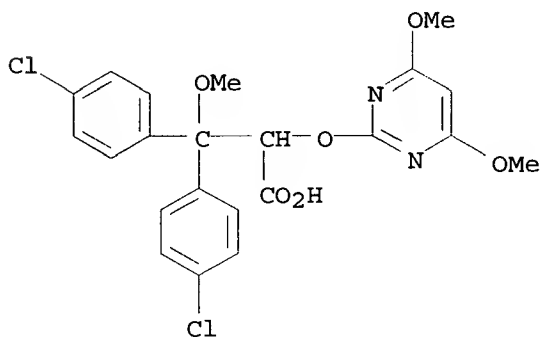
RN 177036-81-6 CAPLUS  
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-  
fluoro-.beta.-(4-fluorophenyl)-.beta.-methoxy- (9CI) (CA INDEX  
NAME)





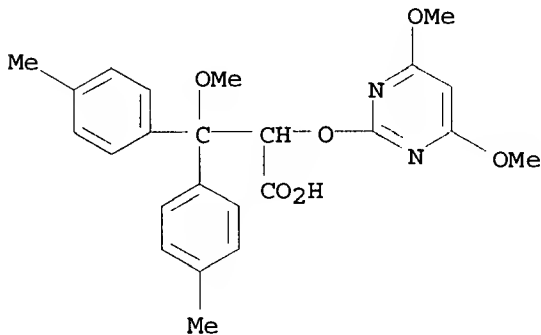
RN 177036-82-7 CAPLUS

CN Benzenepropanoic acid, 4-chloro-.beta.-(4-chlorophenyl)-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy- (9CI) (CA INDEX NAME)



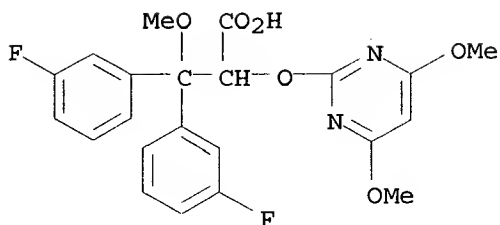
RN 177036-83-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-4-methyl-.beta.-(4-methylphenyl)- (9CI) (CA INDEX NAME)



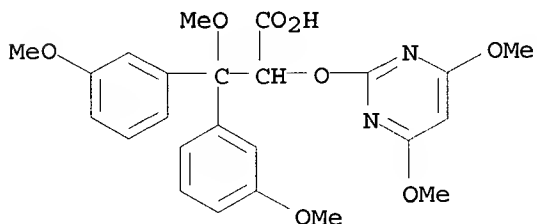
RN 177036-84-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-fluoro-.beta.-(3-fluorophenyl)-.beta.-methoxy- (9CI) (CA INDEX NAME)



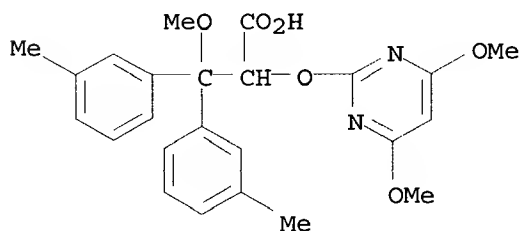
RN 177036-85-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethoxy-.beta.-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



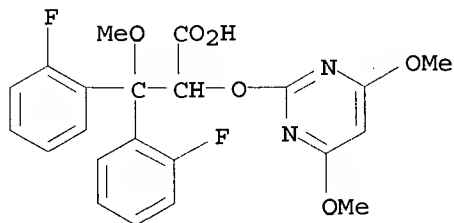
RN 177036-86-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-3-methyl-.beta.-(3-methylphenyl)- (9CI) (CA INDEX  
NAME)



RN 177036-87-2 CAPLUS

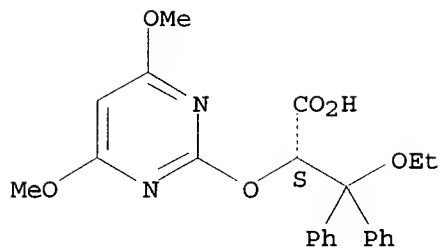
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-  
fluoro-.beta.-(2-fluorophenyl)-.beta.-methoxy- (9CI) (CA INDEX  
NAME)



RN 177036-88-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-ethoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

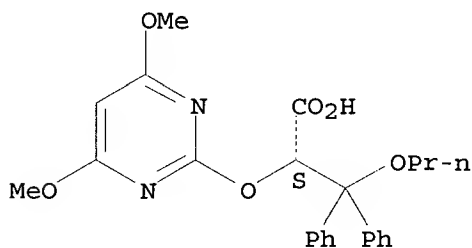
Absolute stereochemistry.



RN 177036-89-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-phenyl-.beta.-propoxy-, (S)- (9CI) (CA INDEX NAME)

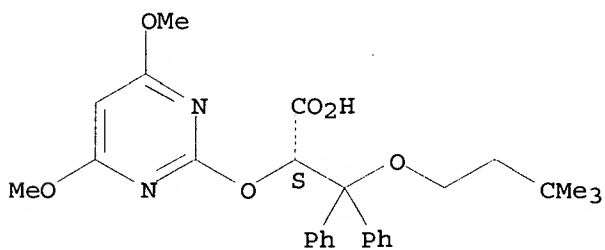
Absolute stereochemistry.



RN 177036-91-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-phenyl-.beta.-propoxy-, (S)- (9CI) (CA INDEX NAME)

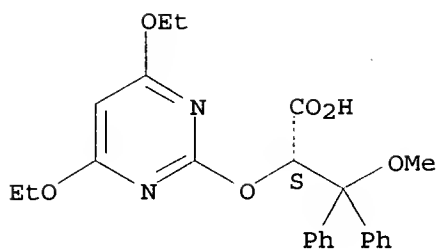
Absolute stereochemistry.



RN 177036-93-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-phenyl-.beta.-propoxy-, (S)- (9CI) (CA INDEX NAME)

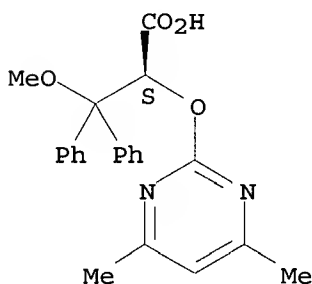
Absolute stereochemistry.



RN 177036-94-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethyl-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

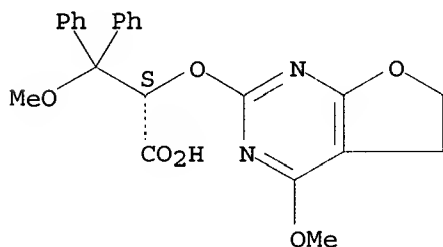
Absolute stereochemistry.



RN 177036-95-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(5,6-dihydro-4-methoxyfuro[2,3-  
d]pyrimidin-2-yl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA  
INDEX NAME)

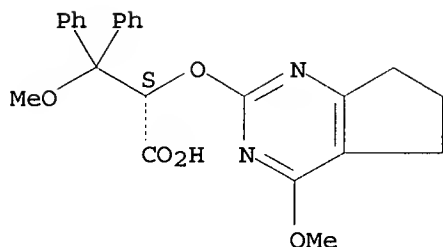
Absolute stereochemistry.



RN 177036-96-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(6,7-dihydro-4-methoxy-5H-  
cyclopentapyrimidin-2-yl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)-  
(9CI) (CA INDEX NAME)

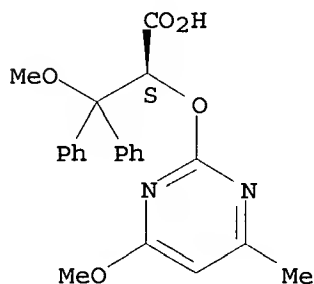
Absolute stereochemistry.



RN 177036-98-5 CAPLUS

CN Benzenepropanoic acid, .beta.-methoxy-.alpha.-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

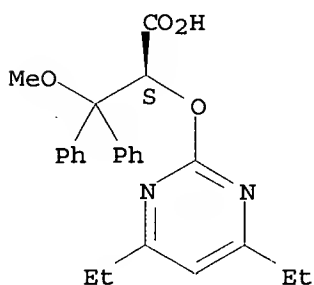
Absolute stereochemistry.



RN 177036-99-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-diethyl-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

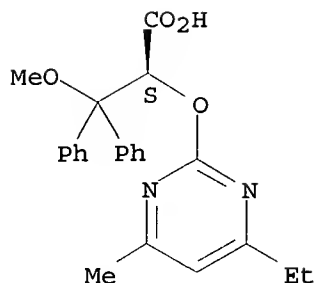
Absolute stereochemistry.



RN 177037-00-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4-ethyl-6-methyl-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 177037-01-3

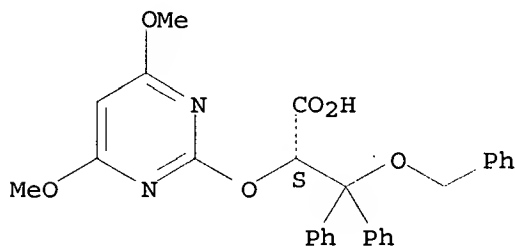
RL: RCT (Reactant)

(prepn. of a novel class of orally active nonpeptidic  
**endothelin-a** receptor antagonists)

RN 177037-01-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-phenyl-.beta.-(phenylmethoxy)-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 177036-79-2P

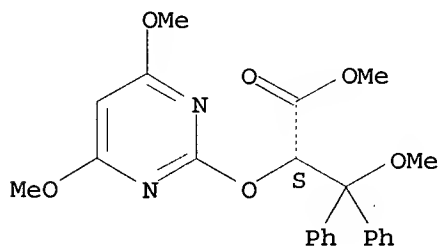
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. of a novel class of orally active nonpeptidic  
**endothelin-a** receptor antagonists)

RN 177036-79-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-phenyl-, methyl ester, (S)- (9CI) (CA INDEX  
NAME)

Absolute stereochemistry.



=> d 116 bib abs hitstr 6

L16 ANSWER 6 OF 8 CAPLUS COPYRIGHT 1997 ACS

AN 1995:966284 CAPLUS

DN 124:22417

TI Receptor selectivity of **endothelin** antagonists and prevention of vasoconstriction and **endothelin**-induced sudden death

AU Raschack, Manfred; Unger, Liliane; Riechers, Hartmut; Klinge, Dagmar

CS Knoll AG, Ludwigshafen, Germany

SO J. Cardiovasc. Pharmacol. (1995), 26(Suppl. 3), S397-S399

~~CODEN: JCPCDT; ISSN: 0160-2446~~

DT Journal

LA English

AB The new **endothelin** (ET) receptor antagonist LU 127043 shows higher ETA affinity than BQ 123, Ro 46 2005, and BMS 182874, with a  $K_i$  of 6 nmol/L vs. 19, 28, and 57 nmol/L. ETA/ETB selectivity of LU 127043 of about 160 is comparable to that of BQ 123 (200) and is much greater than that of Ro 46-2005 (0.93) and SB 209670 (0.74). In rabbit aortic segments, LU 127043 showed Et antagonistic potency similar to that of BQ 123 and BMS 182874 ( $pA_2$  7.34 vs. 7.36 and 7.09), whereas SB 209670 is more potent (9.80). In rats, LU 127043 completely prevents the ET-1-induced sudden death due to coronary constriction, as indicated by a pronounced T-wave increase. With i.v. pretreatment, LU 127043 is as selective as SB 209670, whereas it is three times more active using 4 h oral pretreatment. Even 8 h after oral administration, LU 127043, in contrast to SB 209670, provides dose-dependent protection. Hence, LU 127043 is an example of a selective ETA antagonist with high oral availability and long duration of action. Because the in vivo efficacy of other high affinity ET antagonists is relatively low, further optimization for therapeutic use should conc. on **pharmacokinetic** properties.

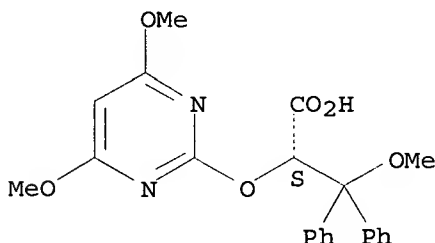
IT 171714-84-4, LU 127043

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BIOL (Biological study); PROC (Process) (receptor selectivity of **endothelin** antagonists and prevention of vasoconstriction and **endothelin**-induced sudden death)

RN 171714-84-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-phenyl-, (S)- (9CI) (CA INDEX NAME)

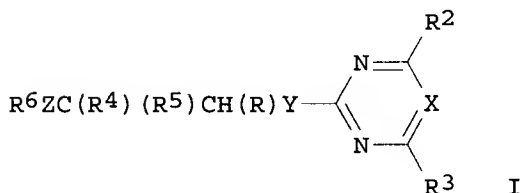
Absolute stereochemistry.



=> d 116 bib abs hitstr 7

L16 ANSWER 7 OF 8 CAPLUS COPYRIGHT 1997 ACS  
AN 1995:916669 CAPLUS  
DN 123:307319  
TI Carboxylic acid derivatives as inhibitors of **endothelin**  
binding to receptors  
IN Baumann, Ernst; Vogelbacher, Uwe Josef; Rheinheimer, Joachm; Klinge,  
Dagmar; Riechers, Hartmut; Kroeger, Burkhard; Bialojan, Siegfried;  
Bollschweiler, Claus; Wernet, Wolfgang; et al.  
PA BASF A.-G., Germany  
SO Ger. Offen., 31 pp.  
CODEN: GWXXBX  
PI DE 4411225 A1 951005  
AI DE 94-4411225 940331  
DT Patent  
LA German  
OS MARPAT 123:307319  
GI

*applicant's priority  
document*



AB Carboxylic acid derivs. I [R = CHO, CO<sub>2</sub>H, group hydrolyzable to CO<sub>2</sub>H; R<sub>2</sub>, R<sub>3</sub> = halo, C1-4 alkyl, C1-4 alkoxy, C1-4 haloalkoxy, C1-4 alkylthio; X = N, CR<sub>14</sub>; R<sub>4</sub> = (substituted) C1-10 alkyl, (substituted) C3-12 cycloalkyl or cycloalkenyl, (substituted) C3-6 alkenyl or alkynyl, (substituted) heterocyclyl, (substituted) Ph or naphthyl; R<sub>5</sub> = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, or R<sub>4</sub> and R<sub>5</sub> complete a 3-8-membered ring; R<sub>6</sub> = (substituted) alkyl, (substituted) alkenyl, (substituted) alkynyl, (substituted) cycloalkyl; R<sub>14</sub> = H or forms an O-contg. 3-4-membered alkylene or alkenylene chain with R<sub>3</sub>; Y = S, O, single bond; Z = S, O] are prep'd. as inhibitors of **endothelin** binding to receptors for treatment of e.g. (pulmonary) hypertension, acute myocardial infarct, Raynaud's syndrome, atherosclerosis, and asthma. Thus, I (R<sub>1</sub> = CO<sub>2</sub>H, R<sub>2</sub> = R<sub>3</sub> = OMe, R<sub>4</sub> = Ph, R<sub>5</sub> = Me, R<sub>6</sub> = 4-isopropylphenyl, X = CH, Y = Z = O) inhibited binding of **endothelin** to **endothelin** A receptors of cloned human CHO cells and **endothelin** B receptors of guinea pig cerebellar membranes with K<sub>i</sub> 2.5 .times. 10<sup>-7</sup> and 3.0 .times. 10<sup>-6</sup>M, resp. I (R = CO<sub>2</sub>Me, R<sub>2</sub> = R<sub>3</sub> = OMe, R<sub>4</sub> = R<sub>6</sub> = Ph, R<sub>5</sub> = H, X = CH, Y = S, Z = O) was prep'd. by reaction of Me 3-phenoxy-3-phenyl-2-hydroxybutyrate (prepn. given) with MeSO<sub>2</sub>Cl and 4,6-dimethoxypyrimidine-2-thiol.

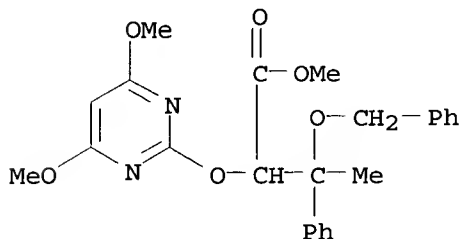
IT 170296-15-8P

RL: BAC (Biological activity or effector, except adverse); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(carboxylic acid derivs. as inhibitors of **endothelin** binding to receptors)



RN 170296-15-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX  
 NAME)

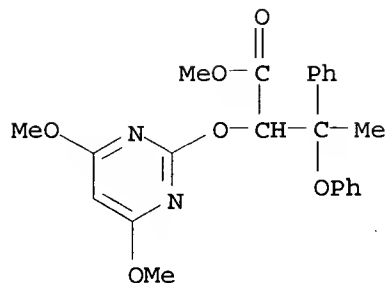


IT 159308-02-8P 159308-04-0P 159308-05-1P  
 159308-07-3P 159308-09-5P 159308-10-8P  
 159308-11-9P 159308-12-0P 159308-13-1P  
 159308-15-3P 159308-16-4P 159308-18-6P  
 159308-19-7P 159559-14-5P 159559-15-6P  
 170296-16-9P 170296-17-0P 170296-18-1P  
 170296-19-2P 170296-20-5P 170296-21-6P  
 170296-22-7P 170296-23-8P 170296-24-9P  
 170296-25-0P 170296-26-1P 170296-27-2P  
 170296-28-3P 170296-29-4P 170296-30-7P  
 170296-31-8P 170296-32-9P 170296-33-0P  
 170296-34-1P 170296-35-2P 170296-36-3P  
 170296-37-4P 170296-38-5P 170296-39-6P  
 170296-40-9P 170296-41-0P 170296-42-1P  
 170296-43-2P 170296-44-3P 170296-45-4P  
 170296-46-5P 170296-47-6P 170296-48-7P  
 170296-49-8P 170296-50-1P 170296-51-2P  
 170296-52-3P 170296-53-4P 170296-54-5P  
 170296-55-6P 170296-56-7P 170296-57-8P  
 170296-58-9P 170296-59-0P 170296-60-3P  
 170296-61-4P 170296-62-5P 170296-63-6P  
 170296-64-7P 170296-65-8P 170296-66-9P  
 170296-67-0P 170296-68-1P 170296-69-2P  
 170296-70-5P 170296-71-6P 170296-72-7P  
 170296-73-8P 170296-74-9P 170296-75-0P  
 170296-76-1P 170296-77-2P 170296-78-3P  
 170296-79-4P 170296-80-7P 170296-81-8P  
 170296-82-9P 170296-87-4P 170296-89-6P  
 170296-92-1P 170296-95-4P 170296-97-6P  
 170296-99-8P 170297-01-5P 170297-03-7P  
 170297-05-9P 170297-07-1P 170297-09-3P

RL: BAC (Biological activity or effector, except adverse); SPN  
 (Synthetic preparation); THU (Therapeutic use); BIOL (Biological  
 study); PREP (Preparation); USES (Uses)  
 (carboxylic acid derivs. as inhibitors of **endothelin**  
 binding to receptors)

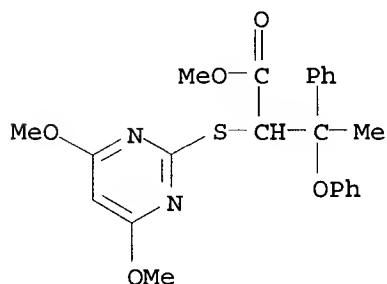
RN 159308-02-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



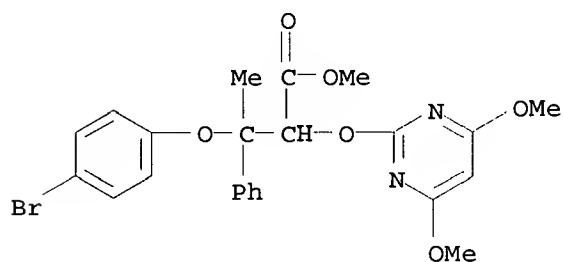
RN 159308-04-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



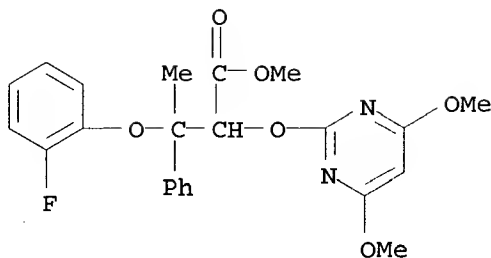
RN 159308-05-1 CAPLUS

CN Benzenepropanoic acid, .beta.-(4-bromophenoxy)-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



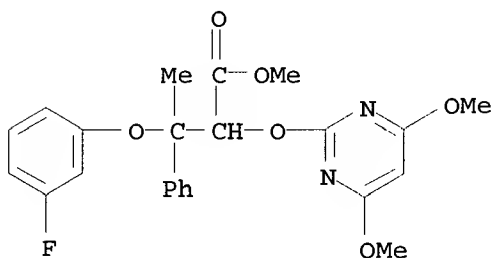
RN 159308-07-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-(2-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



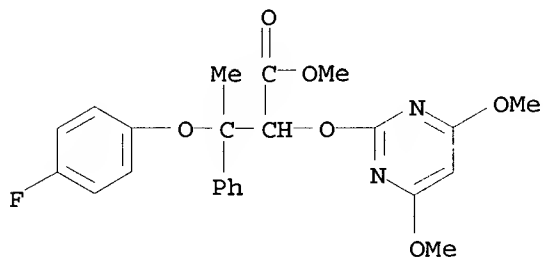
RN 159308-09-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-(3-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



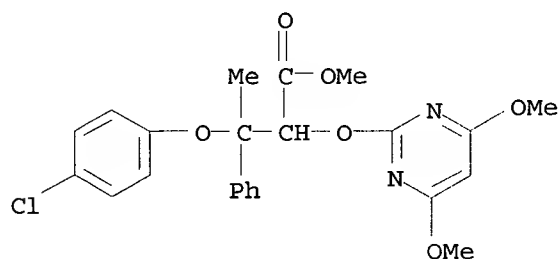
RN 159308-10-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-(4-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



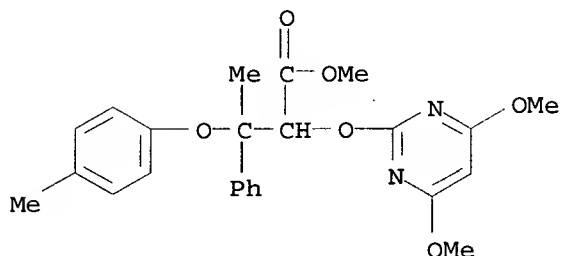
RN 159308-11-9 CAPLUS

CN Benzenepropanoic acid, .beta.-(4-chlorophenoxy)-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



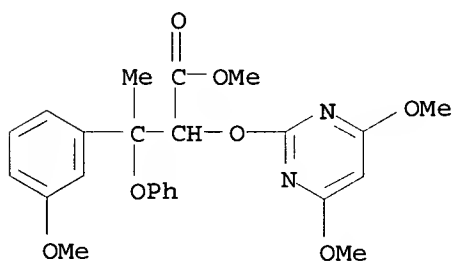
RN 159308-12-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(4-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



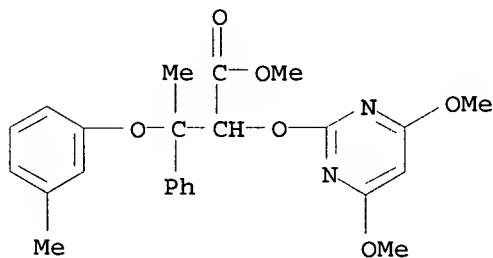
RN 159308-13-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-  
methoxy-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



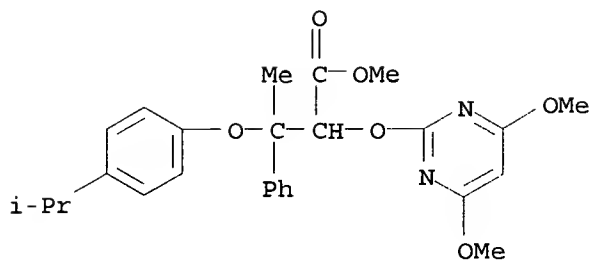
RN 159308-15-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(3-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



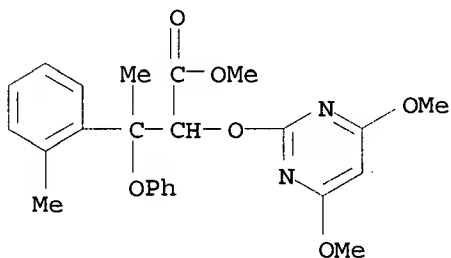
RN 159308-16-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-[4-(1-methylethyl)phenoxy]-, methyl ester (9CI)  
(CA INDEX NAME)



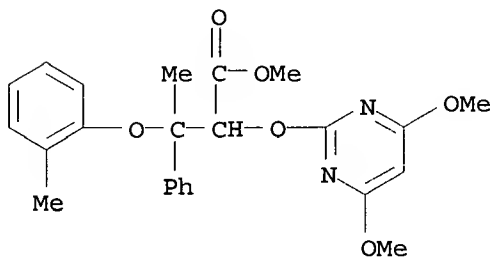
RN 159308-18-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,2-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



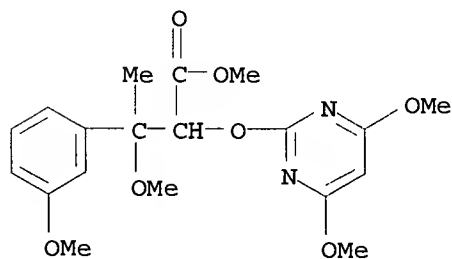
RN 159308-19-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(2-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



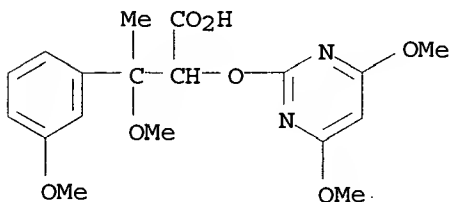
RN 159559-14-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX  
NAME)



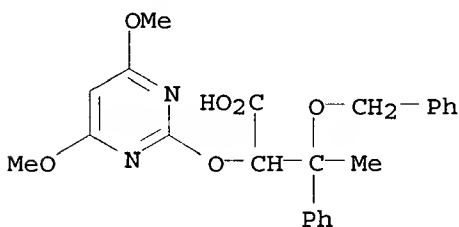
RN 159559-15-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



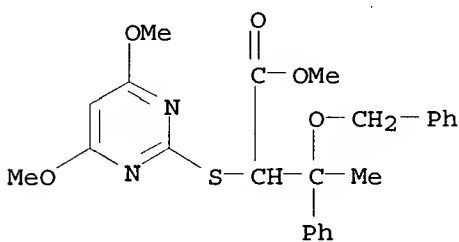
RN 170296-16-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



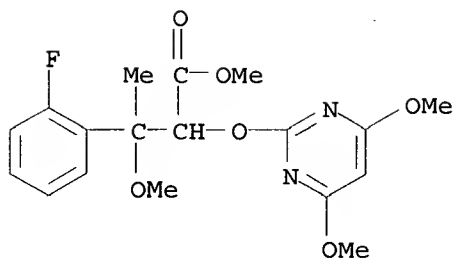
RN 170296-17-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



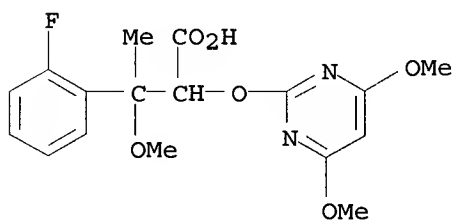
RN 170296-18-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-  
fluoro-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



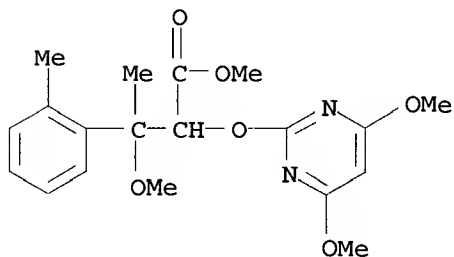
RN 170296-19-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



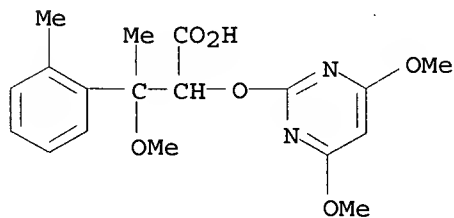
RN 170296-20-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-2-dimethyl-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-21-6 CAPLUS

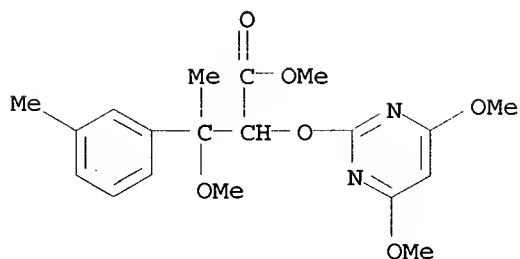
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-2-dimethyl- (9CI) (CA INDEX NAME)



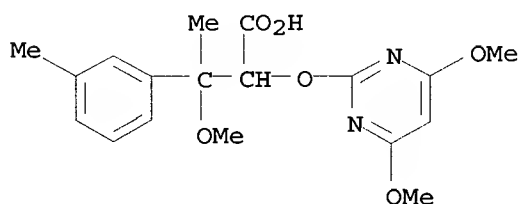
RN 170296-22-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-3-dimethyl-, methyl ester (9CI) (CA INDEX NAME)

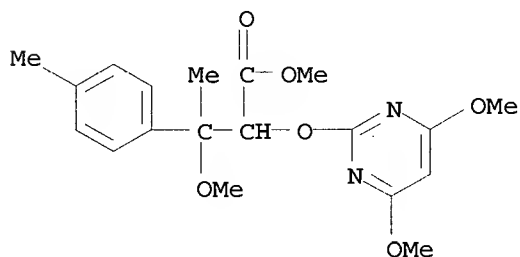
NAME)



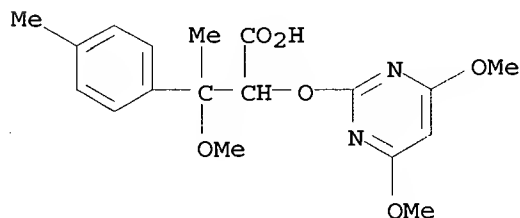
RN 170296-23-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,3-dimethyl- (9CI) (CA INDEX NAME)

RN 170296-24-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,4-dimethyl-, methyl ester (9CI) (CA INDEX  
NAME)

RN 170296-25-0 CAPLUS

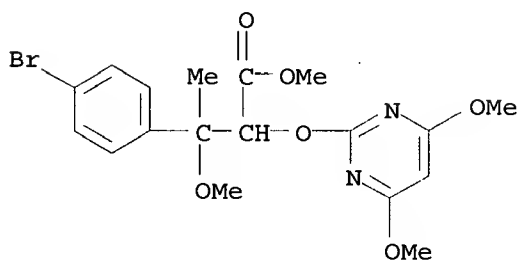
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,4-dimethyl- (9CI) (CA INDEX NAME)

RN 170296-26-1 CAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-

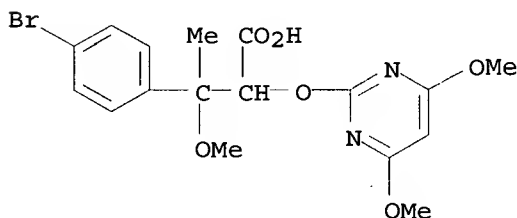


pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



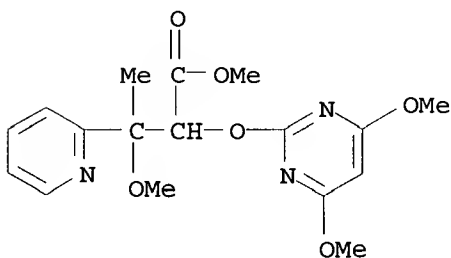
RN 170296-27-2 CAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



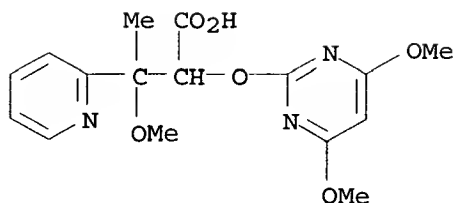
RN 170296-28-3 CAPLUS

CN 2-Pyridinepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-29-4 CAPLUS

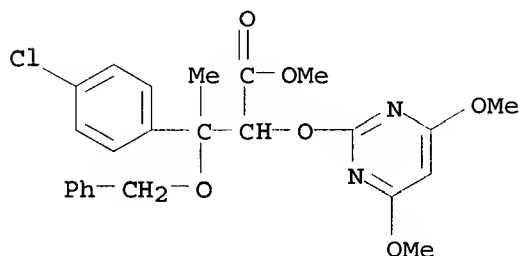
CN 2-Pyridinepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, sodium salt (9CI) (CA INDEX NAME)



● Na

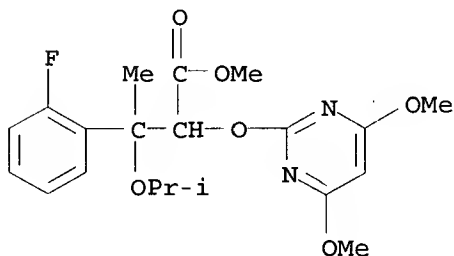
RN 170296-30-7 CAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



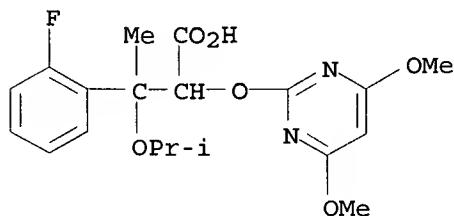
RN 170296-31-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methyl-.beta.-(1-methylethoxy)-, methyl ester (9CI) (CA INDEX NAME)



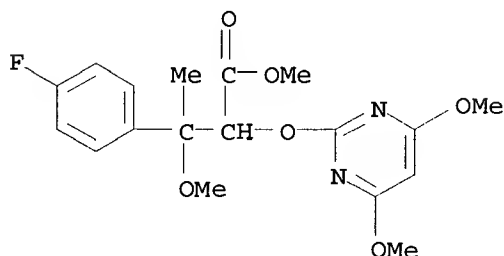
RN 170296-32-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methyl-.beta.-(1-methylethoxy)- (9CI) (CA INDEX NAME)



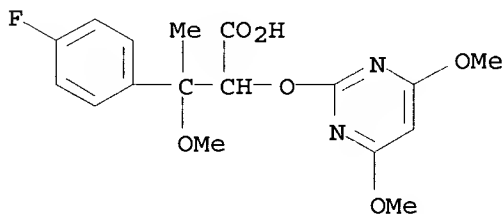
RN 170296-33-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



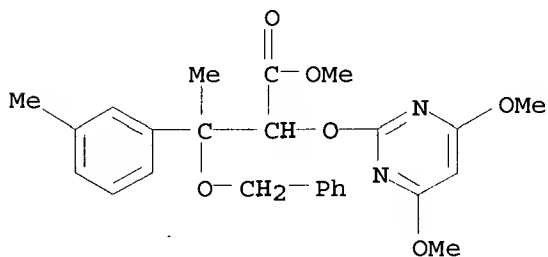
RN 170296-34-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



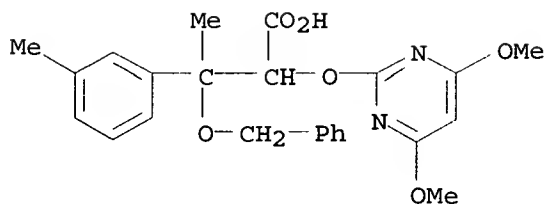
RN 170296-35-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.,3-dimethyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



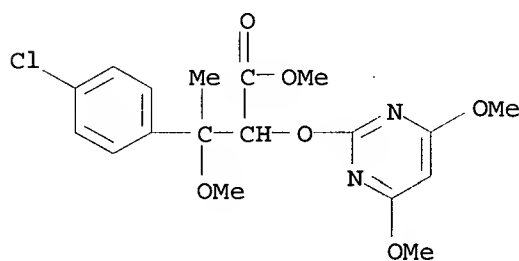
RN 170296-36-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.,3-dimethyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



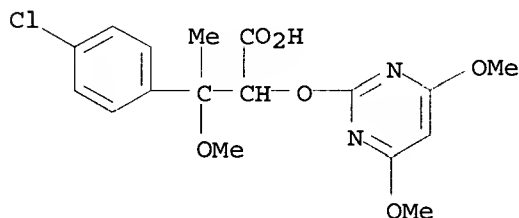
RN 170296-37-4 CAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



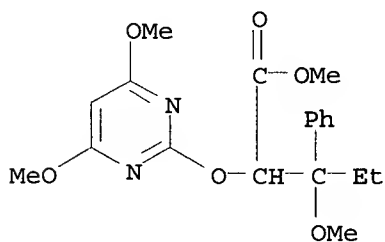
RN 170296-38-5 CAPLUS

CN Benzenepropanoic acid, 4-chloro-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



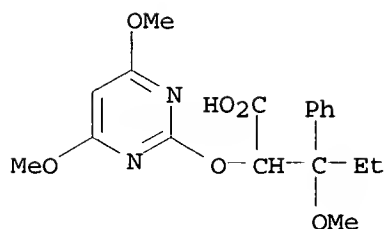
RN 170296-39-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-methoxy-, methyl ester (9CI) (CA INDEX NAME)



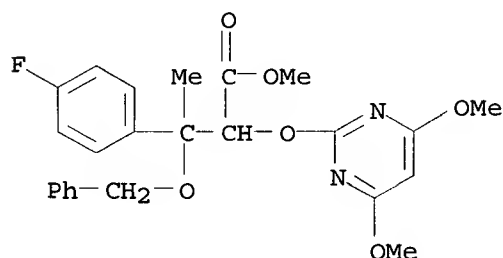
RN 170296-40-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-methoxy- (9CI) (CA INDEX NAME)



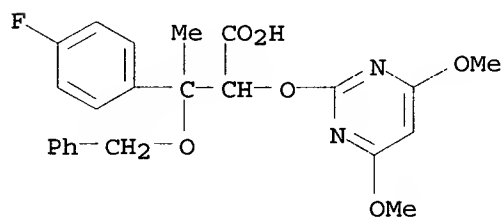
RN 170296-41-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI)  
(CA INDEX NAME)



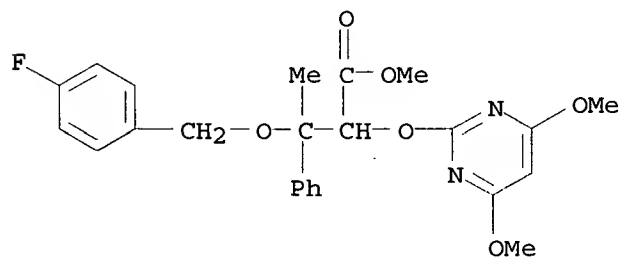
RN 170296-42-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



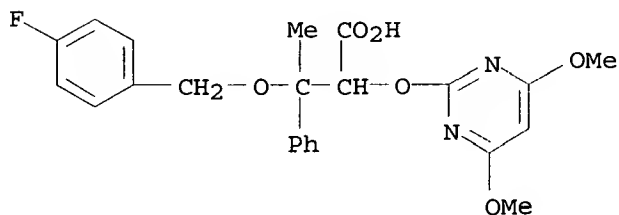
RN 170296-43-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-[(4-fluorophenyl)methoxy]-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



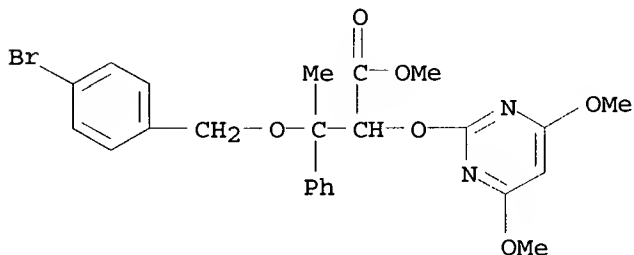
RN 170296-44-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(4-fluorophenyl)methoxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



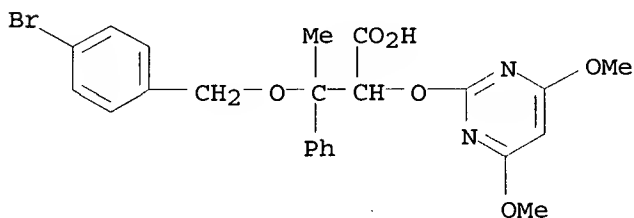
RN 170296-45-4 CAPLUS

CN Benzenepropanoic acid, .beta.-[(4-bromophenyl)methoxy]-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



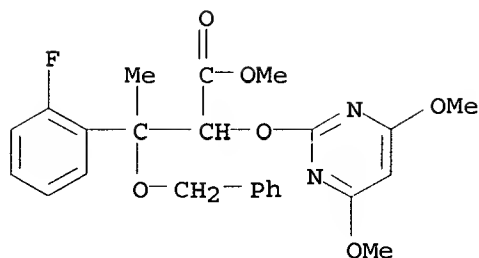
RN 170296-46-5 CAPLUS

CN Benzenepropanoic acid, .beta.-[(4-bromophenyl)methoxy]-.alpha.-[(4,6-  
dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl- (9CI) (CA INDEX NAME)



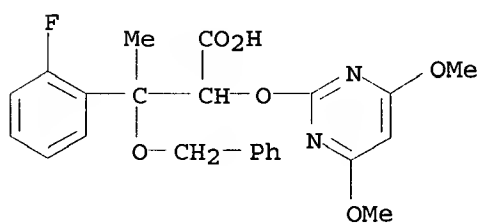
RN 170296-47-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-  
fluoro-.beta.-methyl-.beta.-methyl- (phenylmethoxy)-, methyl ester (9CI)  
(CA INDEX NAME)



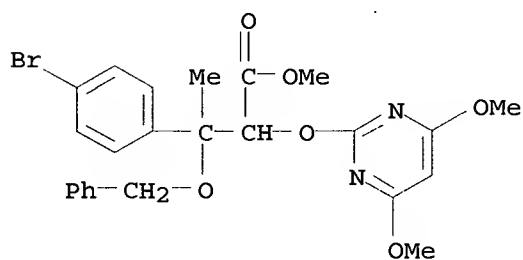
RN 170296-48-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



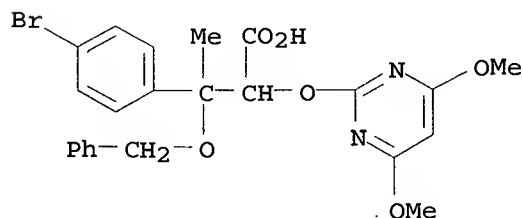
RN 170296-49-8 CAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-50-1 CAPLUS

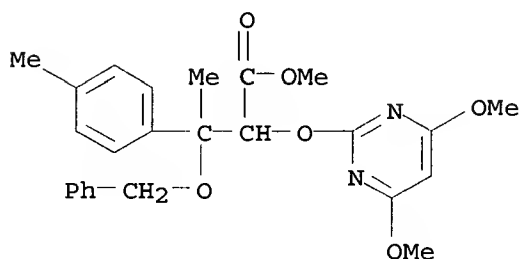
CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



RN 170296-51-2 CAPLUS

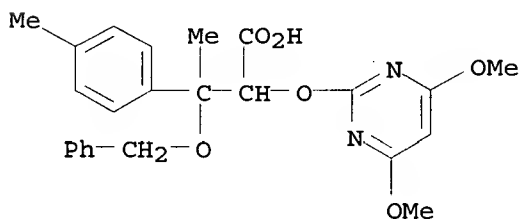
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)

.beta.,4-dimethyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



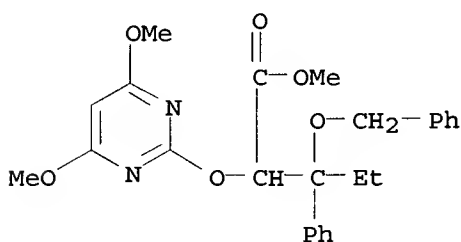
RN 170296-52-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.,4-dimethyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



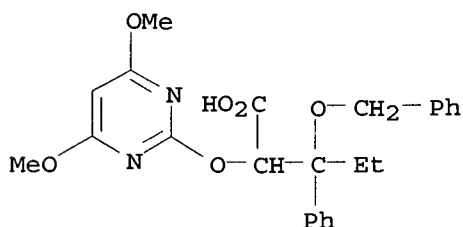
RN 170296-53-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-54-5 CAPLUS

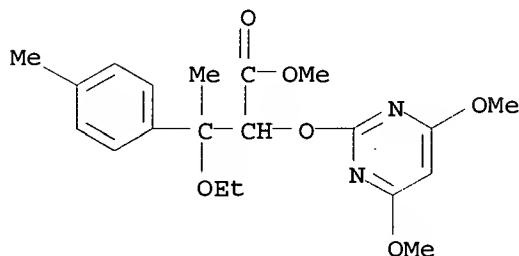
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)





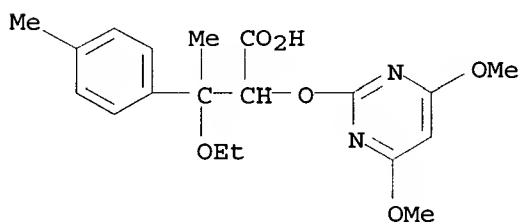
RN 170296-55-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-ethoxy-.beta.,4-dimethyl-, methyl ester (9CI) (CA INDEX  
 NAME)



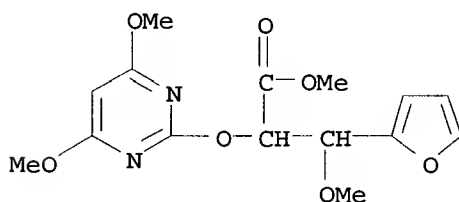
RN 170296-56-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-ethoxy-.beta.,4-dimethyl- (9CI) (CA INDEX NAME)



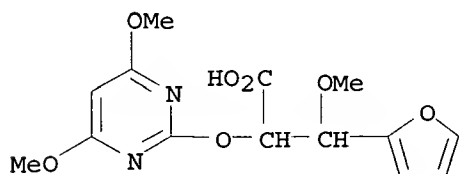
RN 170296-57-8 CAPLUS

CN 2-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-58-9 CAPLUS

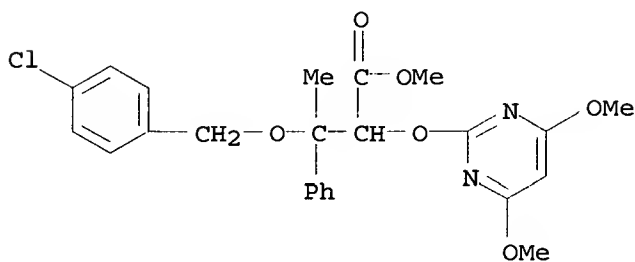
CN 2-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-methoxy- (9CI) (CA INDEX NAME)



RN 170296-59-0 CAPLUS

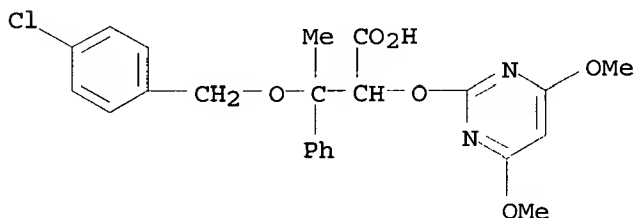
CN Benzenepropanoic acid, .beta.-[(4-chlorophenyl)methoxy]-.alpha.-

[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester  
(9CI) (CA INDEX NAME)



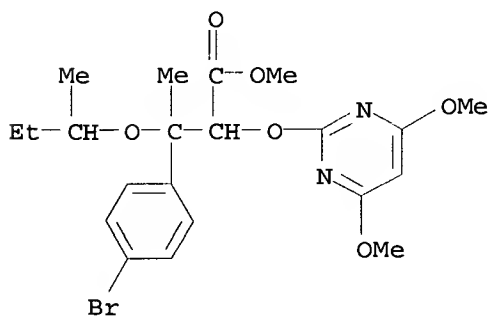
RN 170296-60-3 CAPLUS

CN Benzenepropanoic acid, .beta.-[(4-chlorophenyl)methoxy]-.alpha.-  
[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



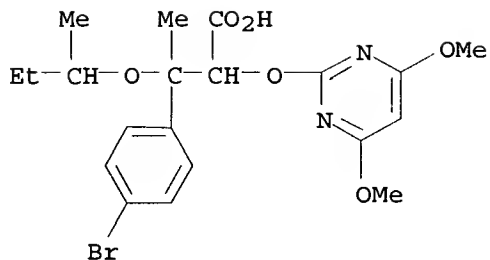
RN 170296-61-4 CAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)oxy]-.beta.-methyl-.beta.-(1-methylpropoxy)-, methyl  
ester (9CI) (CA INDEX NAME)



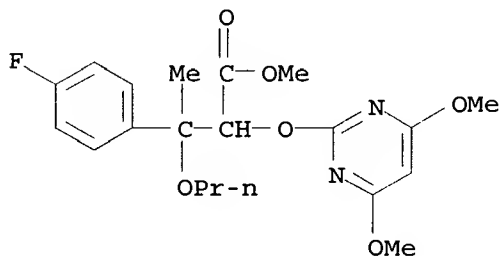
RN 170296-62-5 CAPLUS

CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)oxy]-.beta.-methyl-.beta.-(1-methylpropoxy)- (9CI) (CA  
INDEX NAME)



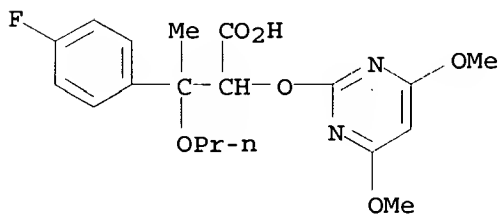
RN 170296-63-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-propoxy-, methyl ester (9CI) (CA INDEX NAME)



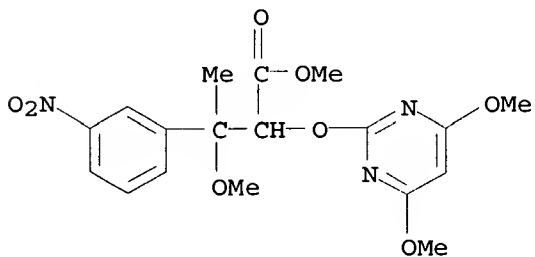
RN 170296-64-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-propoxy- (9CI) (CA INDEX NAME)



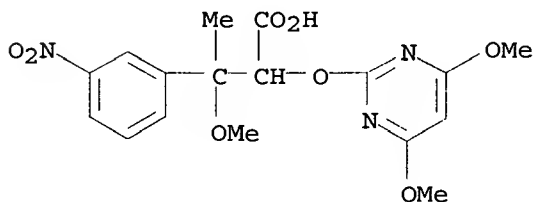
RN 170296-65-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-3-nitro-, methyl ester (9CI) (CA INDEX NAME)



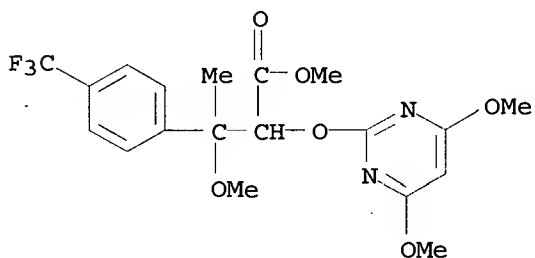
RN 170296-66-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-methyl-3-nitro- (9CI) (CA INDEX NAME)



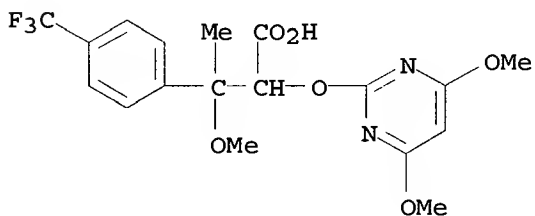
RN 170296-67-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-methyl-4-(trifluoromethyl)-, methyl ester  
(9CI) (CA INDEX NAME)



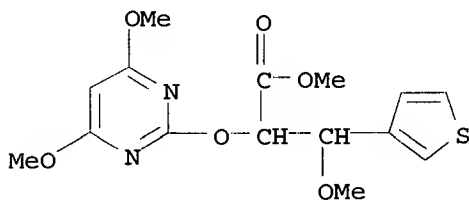
RN 170296-68-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.-methyl-4-(trifluoromethyl)- (9CI) (CA INDEX  
NAME)



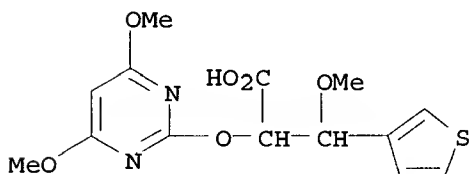
RN 170296-69-2 CAPLUS

CN 3-Thiophenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)oxy]-.beta.-methoxy-, methyl ester (9CI) (CA INDEX  
NAME)



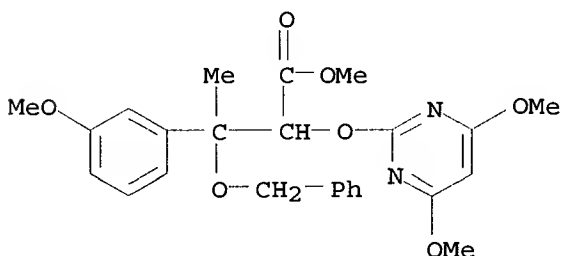
RN 170296-70-5 CAPLUS

CN 3-Thiophenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy- (9CI) (CA INDEX NAME)



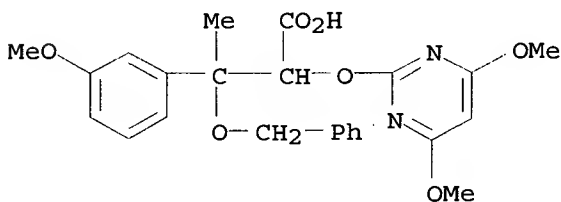
RN 170296-71-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester (9CI) (CA INDEX NAME)



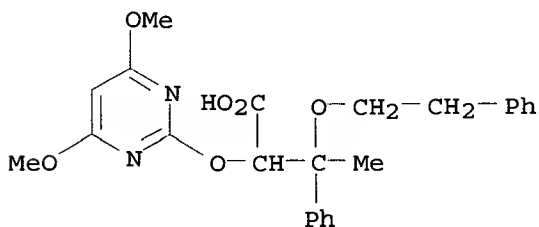
RN 170296-72-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-.beta.-methyl-.beta.-(phenylmethoxy)- (9CI) (CA INDEX NAME)



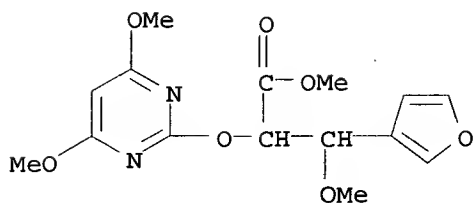
RN 170296-73-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(2-phenylethoxy)- (9CI) (CA INDEX NAME)



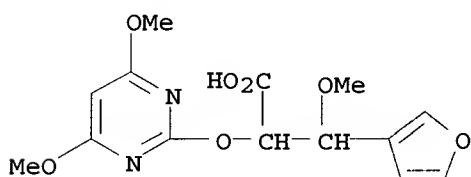
RN 170296-74-9 CAPLUS

CN 3-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-, methyl ester (9CI) (CA INDEX NAME)



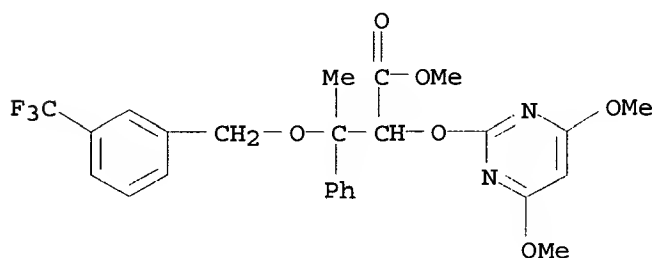
RN 170296-75-0 CAPLUS

CN 3-Furanpropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-methoxy- (9CI) (CA INDEX NAME)



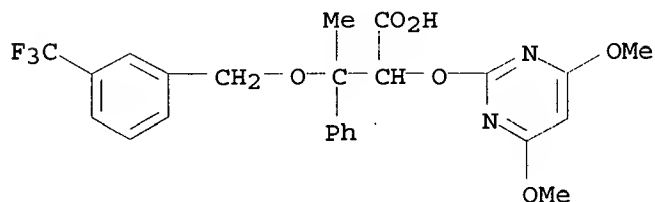
RN 170296-76-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-methyl-.beta.-[[3-(trifluoromethyl)phenyl]methoxy] -, methyl  
ester (9CI) (CA INDEX NAME)



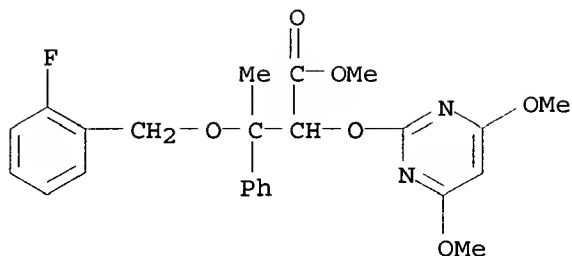
RN 170296-77-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-methyl-.beta.-[[3-(trifluoromethyl)phenyl]methoxy] - (9CI)  
(CA INDEX NAME)



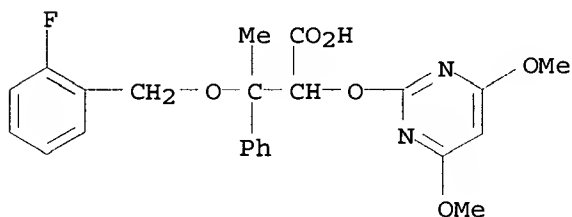
RN 170296-78-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy] -  
.beta.-[[2-fluorophenyl]methoxy] -.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



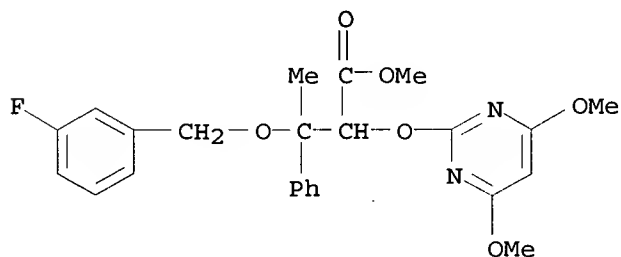
RN 170296-79-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(2-fluorophenyl)methoxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



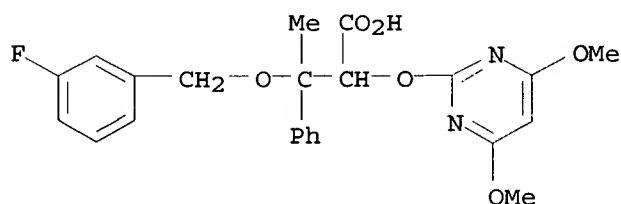
RN 170296-80-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(3-fluorophenyl)methoxy]-.beta.-methyl-, methyl ester (9CI)  
(CA INDEX NAME)



RN 170296-81-8 CAPLUS

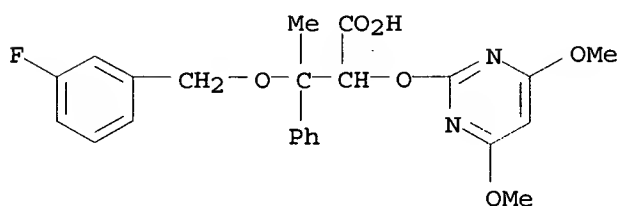
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(3-fluorophenyl)methoxy]-.beta.-methyl- (9CI) (CA INDEX  
NAME)



RN 170296-82-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-

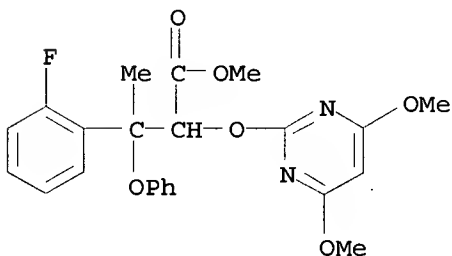
.beta.-[(3-fluorophenyl)methoxy]-.beta.-methyl-, sodium salt (9CI)  
(CA INDEX NAME)



● Na

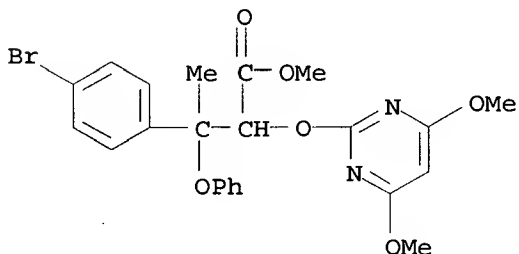
RN 170296-87-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-fluoro-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 170296-89-6 CAPLUS

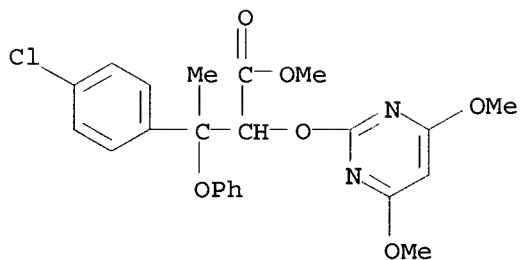
CN Benzenepropanoic acid, 4-bromo-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI)  
(CA INDEX NAME)



RN 170296-92-1 CAPLUS

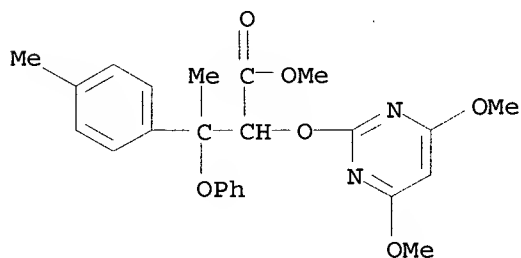
CN Benzenepropanoic acid, 4-chloro-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI)  
(CA INDEX NAME)





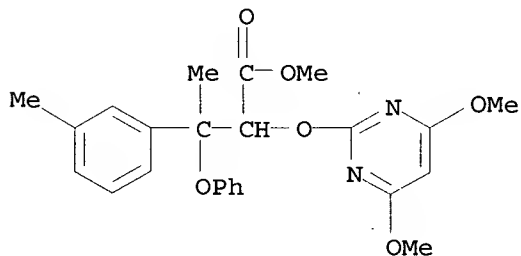
RN 170296-95-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,4-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



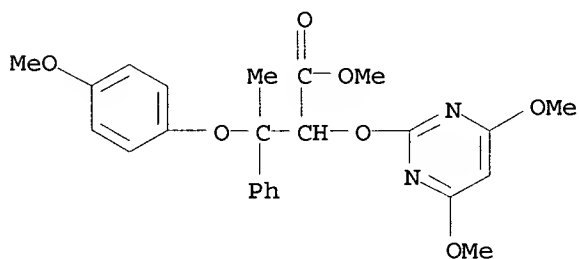
RN 170296-97-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



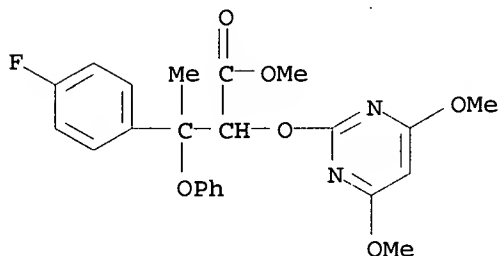
RN 170296-99-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[4-methoxyphenoxy]-.beta.-methyl-, methyl ester (9CI) (CA  
INDEX NAME)



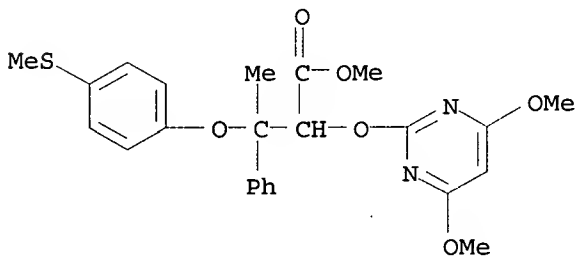
RN 170297-01-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-fluoro-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



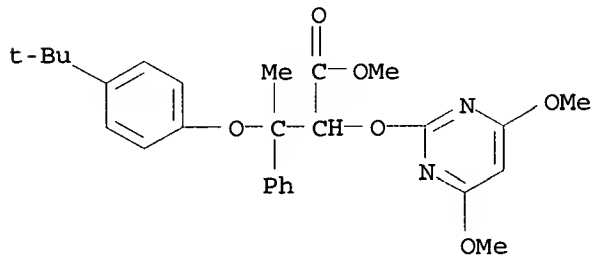
RN 170297-03-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-[4-(methylthio)phenoxy]-, methyl ester (9CI) (CA INDEX NAME)



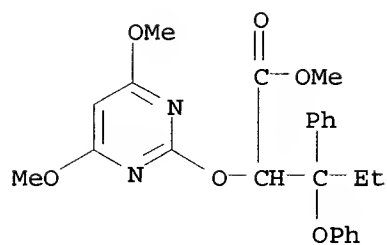
RN 170297-05-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-[4-(1,1-dimethylethyl)phenoxy]-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



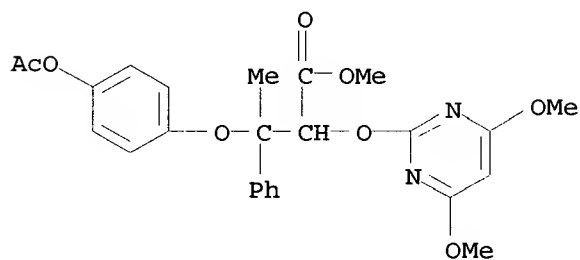
RN 170297-07-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



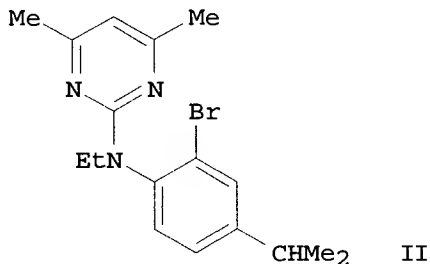
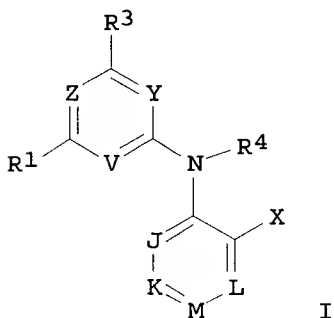
RN 170297-09-3 CAPLUS

CN Benzenepropanoic acid, .beta.-[4-(acetyloxy)phenoxy]-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)



=> d 116 bib abs hitstr 8

L16 ANSWER 8 OF 8 CAPLUS COPYRIGHT 1997 ACS  
AN 1995:898879 CAPLUS  
DN 123:313998  
TI Preparation of N-phenyl-2-pyrimidinamines and analogs as  
corticotropin releasing factor antagonists  
IN Aldrich, Paul Edward; Arvanitis, Argyrios Georgios; Cheeseman,  
Robert Scott; Chorvat, Robert John; Christos, Thomas Eugene;  
Gilligan, Paul Joseph; Grigoriadis, Dimitri Emil; Hodge, Carl  
Nicholas; Krenitsky, Paul John; et al.  
PA du Pont de Nemours, E. I., and Co., USA  
SO PCT Int. Appl., 255 pp.  
CODEN: PIXXD2  
PI WO 9510506 A1 950420  
DS W: AU, BR, CA, CN, CZ, FI, HU, JP, KR, NO, NZ, PL, RU, SK  
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
AI WO 94-US11050 941006  
PRAI US 93-134209 931012  
US 94-297274 940826  
DT Patent  
LA English  
OS MARPAT 123:313998  
GI



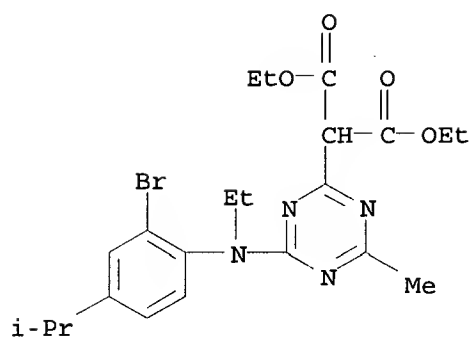
AB Title compds. [I; J,K,L = N or (un)substituted CH; M = N or CR<sub>5</sub>; R<sub>1</sub> = halo, (halo)alkyl, alkoxy, etc.; R<sub>3</sub> = halo, alkyl, (hetero)aryl, etc.; R<sub>4</sub> = (alkoxy)alkyl, alkanoyloxyalkyl, allyl, etc.; R<sub>5</sub> = halo, (ar)alkyl, alkanoyl, etc.; V = CR<sub>1a</sub> or N; X = halo, alkyl, (hetero)aryl, alkanoyl, etc.; Y = N, CR<sub>3a</sub>, CR<sub>29</sub>; Z = N or CR<sub>2</sub>; R<sub>1a</sub>, R<sub>2</sub>, R<sub>3a</sub> = H, halo, alkyl, halomethyl, cyano; R<sub>4</sub>R<sub>29</sub> = atoms to form a ring] were prepd. Thus, 2-chloro-4,6-dimethylpyrimidine was aminated by 2-bromo-4-(1-methylethyl)aniline and the product N-alkylated to give title compd. II which had K<sub>i</sub> of <500nM against ACTH releasing factor binding at rat cortex prepn. in vitro.

IT 169882-05-7P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of N-phenyl-2-pyrimidinamines and analogs as ACTH releasing factor antagonists)

RN 169882-05-7 CAPLUS

CN Propanedioic acid, [4-[[2-bromo-4-(1-methylethyl)phenyl]ethylamino]-6-methyl-1,3,5-triazin-2-yl]-, diethyl ester (9CI) (CA INDEX NAME)



=> d 1-3 all

L35 ANSWER 1 OF 3 BIOSIS COPYRIGHT 1997 BIOSIS

AN 97:377133 BIOSIS

DN 99676336

TI The selective ET-A antagonist LU 135 252 in contrast to a Ca antagonist and an ACE inhibitor reduces neointima in collared rabbit carotid arteries.

AU Raschack M; Stumpf C; Unger L

CS Dep. Cardiovasc., Knoll AG, 67008 Ludwigshafen, Germany

SO ~~7th International Symposium on Cardiovascular Pharmacotherapy~~, Jerusalem, Israel, June 1-5, 1997. Cardiovascular Drugs and Therapy 11 (SUPPL. 2). 1997. 401. ISSN: 0920-3206

DT Conference

LA English

PR Biological Abstracts/RRM Vol. 049 Iss. 009 Ref. 157003

ST MEETING ABSTRACT; RABBIT; LU 135 252; **ENDOTHELIN A** ANTAGONIST; CAROTID ARTERY; NEOINTIMA FORMATION; ANIPAMIL; CALCIUM ANTAGONIST; TRANDOLAPRIL; ANGIOTENSIN-CONVERTING ENZYME INHIBITOR; PHARMACOLOGY; CARDIOVASCULAR SYSTEM; ARTERIOSCLEROSIS; SMOOTH MUSCLE PROLIFERATION; CORONARY STENOSIS; CIRCULATORY SYSTEM; VASCULAR DISEASE

RN 7440-70-2 (CALCIUM)

9015-82-1 (ANGIOTENSIN-CONVERTING ENZYME)

83200-10-6 (ANIPAMIL)

87679-37-6 (TRANDOLAPRIL)

171714-84-4 (LU 135 252)

CC General Biology-Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals 00520  
Pathology, General and Miscellaneous-Therapy \*12512  
Cardiovascular System-Blood Vessel Pathology \*14508  
Muscle-Pathology \*17506

Pharmacology-Cardiovascular System \*22010

Developmental Biology-Embryology-Morphogenesis, General \*25508

BC Leporidae 86040

L35 ANSWER 2 OF 3 BIOSIS COPYRIGHT 1997 BIOSIS

AN 97:356535 BIOSIS

DN 99662938

TI Effect of chronic ET-A-selective **endothelin** receptor antagonism on blood pressure in experimental and genetic hypertension in rats.

AU Schiffrin E L; Turgeon A; Deng L Y

CS Clinical Research Inst. Montreal, 110 Pine Ave. West Montreal, PQ H2W 1R7, Canada

SO ~~British Journal of Pharmacology~~ 121 (5). 1997. 935-940. ISSN: 0007-1188

LA English

PR Biological Abstracts Vol. 104 Iss. 005 Ref. 071337

AB 1. Chronic treatment with a combined ET-A/ET-B **endothelin** receptor antagonist has been shown to reduce blood pressure in experimental rat models of hypertension in which **endothelin** -1 gene overexpression occurs in the walls of blood vessels, particularly small, resistance-sized arteries, but not in those genetic or experimental models of hypertension in which there is no overexpression of vascular **endothelin**-1. Failure of some experimental models of hypertension to respond to treatment with the combined ET-A/ET-B **endothelin** antagonist may be due in part

to blockade of vasorelaxant **endothelial** ET-B receptors which could in theory reduce the efficacy of **endothelin** antagonism. 2. In this study the orally active ET-A-selective **endothelin** antagonists A-127722.5 and LU 135252 were used in chronic experiments on deoxycorticosterone acetate (DOCA)-salt hypertensive rats (which overexpress vascular **endothelin-1** and respond with blood pressure lowering to combined ET-A/ET-B **endothelin** receptor antagonism), on spontaneously hypertensive rats (SHR) (which do not overexpress vascular **endothelin-1** and do not respond with blood pressure lowering to the combined ET-A/ET-B receptor antagonist), and in 1-kidney 1 clip Goldblatt (1-K 1C) hypertensive rats (which present mild overexpression of vascular **endothelin-1** but do not respond with blood pressure lowering to the combined ET-A/ET-B receptor antagonist). Additionally, it has been suggested that interruption of the renin-angiotensin system may sensitize responses to **endothelin** antagonism. Accordingly, SHR were treated with an angiotensin converting enzyme inhibitor, cilazapril, in addition to the ET-A receptor antagonist. 3. Blood pressure of DOCA-salt hypertensive rats was lowered by a mean of 24 and of 27 mmHg (P lt 0.01) by A-127722.5 after 4 weeks of treatment, when given orally at two different doses (10 and 30 mg kg-1 day-1), and by 18 mmHg by LU 135252 50 mg kg-1 day-1. 4. SHR treated with A-127722.5 for 8 weeks starting at 12 weeks of age exhibited the same progressive rise in blood pressure as untreated SHR. Addition of cilazapril resulted in similar reduction of blood pressure in A-127722.5-treated and untreated SHR. 5. Treatment of 1-K 1C hypertensive rats with the dose of LU 135252 which lowered blood pressure in DOCA-salt hypertensive rats did not cause any reduction in blood pressure relative to untreated rats. 6. These results demonstrate that treatment with either dose of the selective ET-A receptor antagonists A-127722.5 or LU 135252 caused reductions in blood pressure similar to those obtained for a combined ET-A/ET-B **endothelin** antagonist. Blood pressure was lowered only in hypertensive rats known to overexpress vascular **endothelin-1** (DOCA-salt hypertensive rats) but not in those which do not (SHR) or only have mild vascular overexpression of **endothelin-1** gene (1-K 1C hypertensive rats). Reduction in activity of the renin-angiotensin system in SHR did not sensitize blood pressure to potential hypotensive effects of an ET-A-selective receptor antagonist.

ST RESEARCH ARTICLE; SHR RAT; PHARMACOLOGY; CARDIOVASCULAR SYSTEM; HYPERTENSION; **ENDOTHELIN** RECEPTOR; A-127722.5; ANTIHYPERTENSIVE-DRUG; LU 135252; ANTIHYPERTENSIVE-DRUG; **ENDOTHELIN-1**; VASCULAR DISEASE; GENETIC; EXPERIMENTAL

RN 171714-84-4 (LU 135252)

CC Genetics and Cytogenetics-Human \*03508  
 Biochemical Studies-General 10060  
 Biochemical Studies-Proteins, Peptides and Amino Acids 10064  
 Biophysics-Membrane Phenomena \*10508  
 Cardiovascular System-Blood Vessel Pathology \*14508  
 Endocrine System-Neuroendocrinology \*17020  
 Pharmacology-Cardiovascular System \*22010  
 BC Muridae 86375

L35 ANSWER 3 OF 3 BIOSIS COPYRIGHT 1997 BIOSIS

AN 96:26069 BIOSIS

DN 98598204

TI Receptor selectivity of **endothelin** antagonists and

prevention of vasoconstriction and endothelin-induced sudden death.

AU Raschack M; Unger L; Riechers H; Klinge D

CS Knoll AG, P.O. Box 210805, 67008 Ludwigshafen, Germany

SO Journal of Cardiovascular Pharmacology 26 (SUPPL. 3). 1995.  
S397-S399. ISSN: 0160-2446

LA English

PR Biological Abstracts Vol. 101 Iss. 002 Ref. 025909

AB The new **endothelin** (ET) receptor antagonist LU 127043 shows higher ET-A affinity than BQ 123, Ro 46-2005, and BMS 182874, with a K-i of 6 nmol/L vs. 19, 28, and 57 nmol/L. ET-A/ET-B selectivity of LU 127043 of about 160 is comparable to that of BQ 123 (200) and is much greater than that of Ro 46-2005 (0.93) and SB 209670 (0.74). In rabbit aortic segments, LU 127043 shows ET antagonistic potency similar to that of BQ 123 and BMS 182874 (pA-2 7.34 vs. 7.36 and 7.09), whereas SB 209670 is more potent (9.80). In rats, LU 127043 completely prevents the ET-1-induced sudden death due to coronary constriction, as indicated by a pronounced T-wave increase. With i.v. pretreatment, LU 127043 is as effective as SB 209670, whereas it is three times more active using 4 h oral pretreatment. Even 8 h after oral administration, LU 127043, in contrast to SB 209670, provides dose-dependent protection. Hence, LU 127043 is an example of a selective ET-A antagonist with high oral availability and long duration of action. Because the in vivo efficacy of other high affinity ET antagonists is relatively low, further optimization for therapeutic use should concentrate on pharmacokinetic properties.

ST RESEARCH ARTICLE; RAT; LU 127043; CARDIOVASCULAR-DRUG;

**ENDOTHELIN-A RECEPTOR; ENDOTHELIN-B RECEPTOR;**  
CORONARY CONSTRICTION

RN 171714-84-4 (LU 127043)

CC Biochemical Studies-Proteins, Peptides and Amino Acids 10064

Biophysics-Molecular Properties and Macromolecules \*10506

Biophysics-Membrane Phenomena \*10508

Pathology, General and Miscellaneous-Necrosis \*12510

Pathology, General and Miscellaneous-Therapy \*12512

Cardiovascular System-Physiology and Biochemistry 14504

Cardiovascular System-Heart Pathology \*14506

Cardiovascular System-Blood Vessel Pathology \*14508

Endocrine System-Neuroendocrinology \*17020

Pharmacology-Clinical Pharmacology 22005

Pharmacology-Cardiovascular System \*22010

Pharmacology-Endocrine System \*22016

BC Muridae 86375



GENUS CMPD

SEARCH.

=> d his

(FILE 'HOME' ENTERED AT 07:22:36 ON 11 SEP 1997)

FILE 'REGISTRY' ENTERED AT 07:22:42 ON 11 SEP 1997  
ACT JONES718/A

-----  
L1 STR  
L2 900 SEA FILE=REGISTRY SSS FUL L1  
-----  
L3 STR L1  
L4 40 S L3 SSS SAM SUB=L2  
L5 805 S L3 SSS FUL SUB=L2  
L6 STR L3

FILE 'CAPLUS' ENTERED AT 07:32:37 ON 11 SEP 1997

FILE 'REGISTRY' ENTERED AT 07:34:44 ON 11 SEP 1997  
L7 STR L6  
L8 0 S L7 SSS SAM SUB=L2  
L9 5 S L7 SSS FUL SUB=L2

FILE 'CAPLUS' ENTERED AT 07:41:03 ON 11 SEP 1997  
L10 47 S L5  
L11 1 S L9  
L12 47 S L10 OR L11  
L13 7 S L12 AND ENDOTHEL?  
L14 0 S L11 AND L13  
L15 5 S L12 AND (DRUG? OR PHARMA?/BI,SC,SX)  
L16 8 S L13 OR L15  
L17 0 S L16 AND L11

FILE 'CAOLD, CAPLUS' ENTERED AT 07:43:25 ON 11 SEP 1997  
L18 0 FILE CAOLD  
L19 1 FILE CAPLUS  
TOTAL FOR ALL FILES  
L20 1 S L11

FILE 'BEILSTEIN' ENTERED AT 07:43:40 ON 11 SEP 1997  
L21 0 S L7 FUL

FILE 'MARPAT' ENTERED AT 07:44:05 ON 11 SEP 1997  
L22 2 S L2  
L23 53 S L2 FUL  
L24 5 S L7 SSS FUL SUB=L23

FILE 'CAPLUS' ENTERED AT 07:52:13 ON 11 SEP 1997  
L25 38 S L12 NOT (L11 OR L16)

FILE 'CAOLD' ENTERED AT 08:07:56 ON 11 SEP 1997  
L26 7 S L5

FILE 'REGISTRY' ENTERED AT 08:12:42 ON 11 SEP 1997  
SAV JONES718B/A L5 TEMP  
L27 QUE L3

FILE 'USPATFULL' ENTERED AT 08:40:30 ON 11 SEP 1997  
L28 11 S L5  
L29 0 S L28 AND ENDOTHEL?

*Copy  
Genus Search*

*Copy  
Genus Search*

=> d bib abs hitstr 125

L25 ANSWER 1 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1997:444100 CAPLUS

DN 127:121961

TI Synthesis of 2-substituted 2'-deoxyguanosines and 6-O-allylguanines via the activation of C-2 by a trifluoromethanesulfonate group

AU Edwards, Christine; Boche, Gernot; Steinbrecher, Thomas; Scheer, Susanne

CS Fachber. Chem., Philipps-Univ., Marburg, D-35032, Germany

SO J. Chem. Soc., Perkin Trans. 1 (1997), (12), 1887-1893

CODEN: JCPRB4; ISSN: 0300-922X

PB Royal Society of Chemistry

DT Journal

LA English

OS CJRSC

AB A new general synthesis of 2-substituted 2'-deoxyguanosine and 6-O-allylguanine analogs is reported. 2-O-Trifluoromethylsulfonyl-6-O-allyl-3',5'-bis-O-(tert-butyldimethylsilyl)-2'-deoxyxanthosine can be converted into a 2-substituted 2'-deoxyguanosine analog by substitution of the triflate (trifluoromethanesulfonate) moiety using a selected nucleophile, followed by deprotection. Therefore, a 2'-deoxyguanosine may overall be converted into a 2-substituted 2'-hypoxanthosine analog in seven steps. Similar methodol. has been used to synthesize 2-substituted 6-O-allylguanines which are of particular interest as potential resistance-modifying agents in cancer chemotherapy.

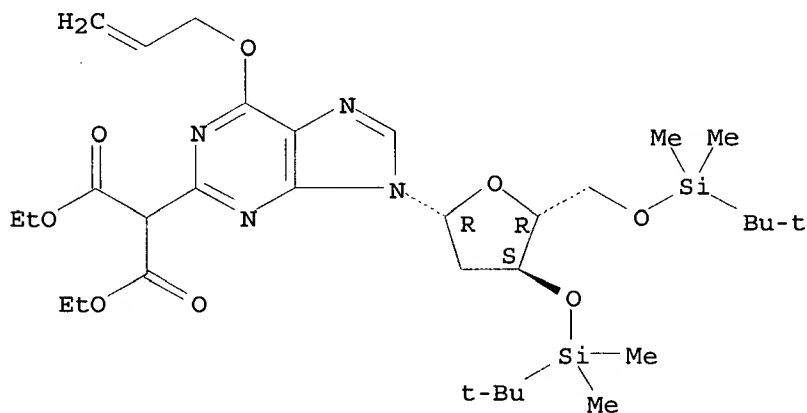
IT 192867-04-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of substituted deoxyguanosines and allylguanines via the activation of C-2 by a trifluoromethanesulfonate group)

RN 192867-04-2 CAPLUS

CN Propanedioic acid, [9-[2-deoxy-3,5-bis-O-[(1,1-dimethylethyl)dimethylsilyl]-.beta.-D-erythro-pentofuranosyl]-6-(2-propenyloxy)-9H-purin-2-yl]-, diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib abs hitstr 125 2

L25 ANSWER 2 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1997:87602 CAPLUS

DN 126:144254

TI Syntheses and herbicidal activity of new pyrimidinyl(triazinyl)oxy substituted carboxylic derivatives

AU Li, Zheng-Ming; Liao, Yun; Wang, Ling-Xiu; Yang, Zhao

CS Research Institute of Elemento-organic Chemistry, Nankai University, Tianjin, 300071, Peop. Rep. China

SO Chem. Res. Chin. Univ. (1996), 12(4), 360-367

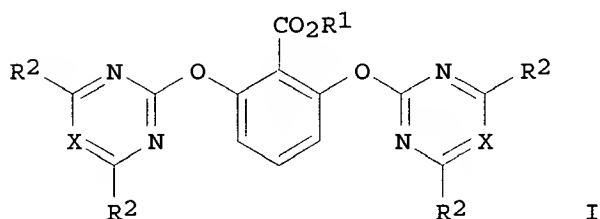
CODEN: CRCUED; ISSN: 1000-9213

PB Higher Education Press

DT Journal

LA English

GI



AB Thirteen new compds., e.g. I ( $R_1 = \text{H, Me, Na, CH}_2\text{Ph}$ ;  $R_2 = \text{Me, MeO}$ ;  $X = \text{CH, N}$ ), which belong to 3 types of pyrimidinyl(triazinyl)oxy substituted carboxylic derivs., were synthesized. In bioassay, the effects of structural factors on the herbicidal activity were investigated; stereochem. has a strong influence on the activity.

IT 176971-87-2P 176971-88-3P

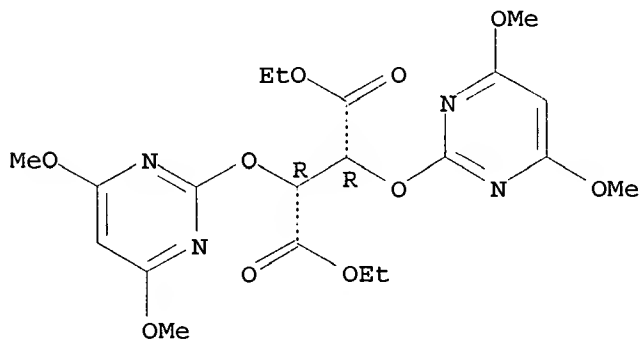
RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. and herbicidal activity of pyrimidinyl- or triazinyl- substituted carboxylates)

RN 176971-87-2 CAPLUS

CN Butanedioic acid, 2,3-bis[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, diethyl ester, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

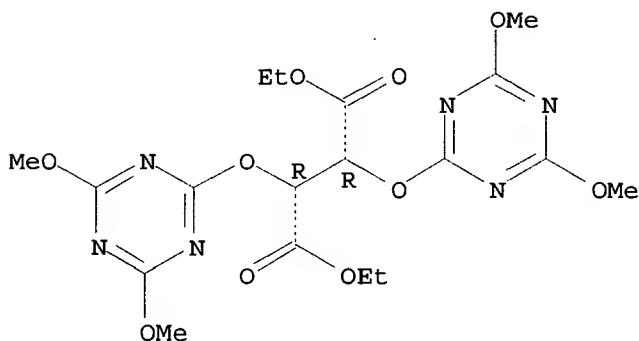
Absolute stereochemistry. Rotation (-).



RN 176971-88-3 CAPLUS

CN Butanedioic acid, 2,3-bis[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-, diethyl ester, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



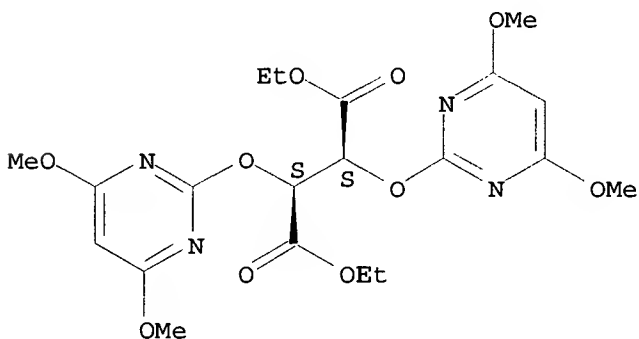
IT 186691-18-9P 186691-19-0P 186691-20-3P  
186691-21-4P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. and herbicidal activity of pyrimidinyloxy- or triazinylloxy-substituted carboxylates)

RN 186691-18-9 CAPLUS

CN Butanedioic acid, 2,3-bis[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, diethyl ester, [S-(R\*,R\*)]- (9CI) (CA INDEX NAME)

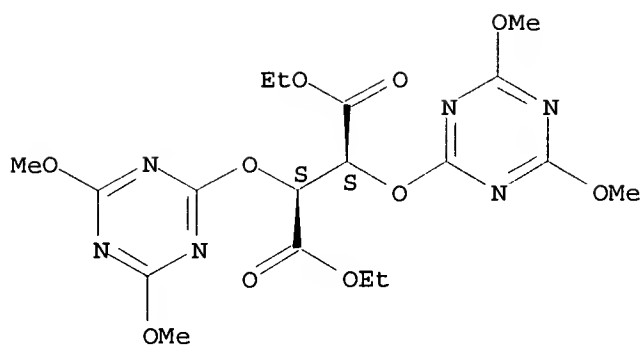
Absolute stereochemistry.



RN 186691-19-0 CAPLUS

CN Butanedioic acid, 2,3-bis[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-, diethyl ester, [S-(R\*,R\*)]- (9CI) (CA INDEX NAME)

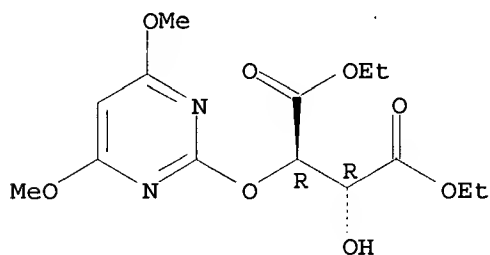
Absolute stereochemistry.



RN 186691-20-3 CAPLUS

CN Butanedioic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-hydroxy-, diethyl ester, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

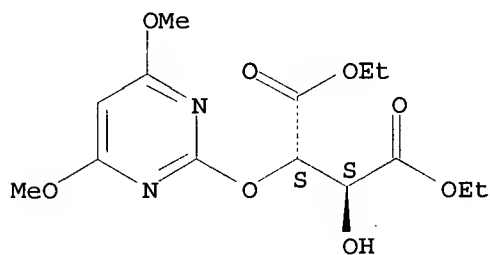
Absolute stereochemistry. Rotation (-).



RN 186691-21-4 CAPLUS

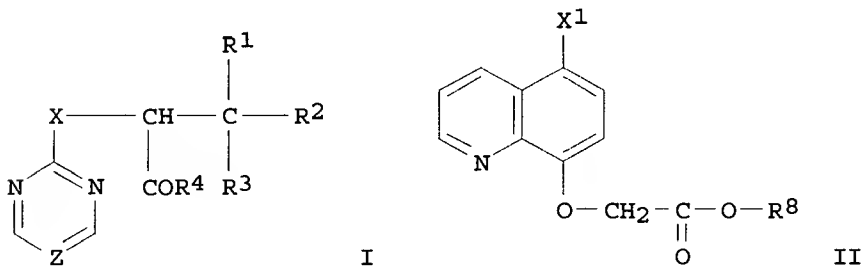
CN Butanedioic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-hydroxy-, diethyl ester, [S-(R\*,R\*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d bib abs hitstr 125 3

L25 ANSWER 3 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1996:681534 CAPLUS  
DN 125:320559  
TI Safened selective herbicidal compositions  
IN Glock, Jutta; Hudetz, Manfred; Kerber, Elmar  
PA Ciba-Geigy A.-G., Switz.  
SO PCT Int. Appl., 41 pp  
CODEN: PIXXD2  
PI WO 9629870 A1 961003  
DS W: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IS, JP, KP, KR, LK,  
LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT,  
UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB,  
GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG  
AI WO 96-EP1086 960314  
PRAI CH 95-901 950330  
DT Patent  
LA English  
OS MARPAT 125:320559  
GI



AB The title compn. comprises a pyrimidine or triazine herbicide I [Z = N or CH; R1 = H, CN, OH, etc.; R2,R3 = H or alkyl; R4 = 1-imidazolyl, NHSO2R7, etc.; R5 = alkyl; R6 = alkyl or alkoxy; R7 = (cyclo)alkyl, (un)substituted Ph, etc.; X = O or S] and as antidote a quinoline deriv. II (R8 = H, alkyl, etc.; X1 = H or Cl), a phenylpyrazole deriv., a urea deriv., etc.

IT 183172-22-7 183172-24-9 183172-25-0  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(safened selective herbicidal compn.)

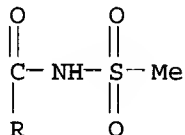
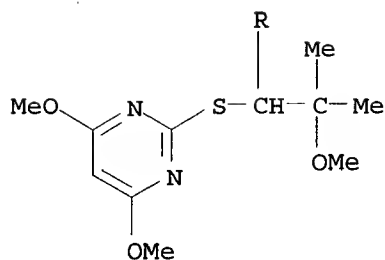
RN 183172-22-7 CAPLUS

CN Acetic acid, [(5-chloro-8-quinolinyl)oxy]-, 1-methylhexyl ester, mixt. with 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-(methylsulfonyl)butanamide (9CI) (CA INDEX NAME)

CM 1

CRN 147111-61-3

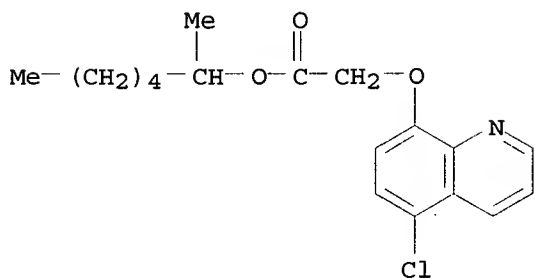
CMF C13 H21 N3 O6 S2



CM 2

CRN 99607-70-2

CMF C18 H22 Cl N O3



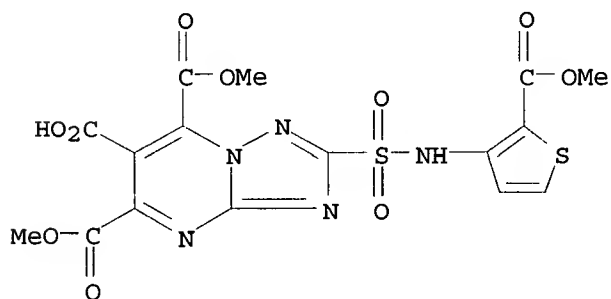
RN 183172-24-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,6,7-tricarboxylic acid,  
 2-[[[2-(methoxycarbonyl)-3-thienyl]amino]sulfonyl]-, 5,7-dimethyl  
 ester, mixt. with 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-  
 methyl-N-(methylsulfonyl)butanamide (9CI) (CA INDEX NAME)

CM 1

CRN 183172-23-8

CMF C16 H13 N5 O10 S2

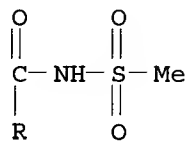
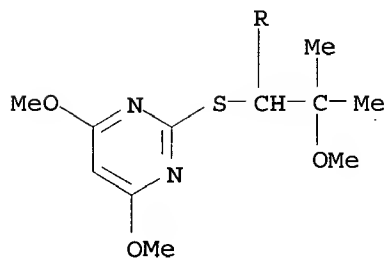




CM 2

CRN 147111-61-3

CMF C13 H21 N3 O6 S2



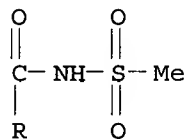
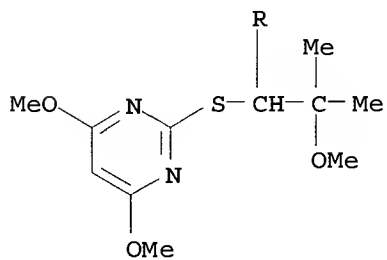
RN 183172-25-0 CAPLUS

CN Benzamide, 2-methoxy-N-[[4-[[[(methylamino)carbonyl]amino]phenyl]sulfonyl]-, mixt. with 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-(methylsulfonyl)butanamide (9CI) (CA INDEX NAME)

CM 1

CRN 147111-61-3

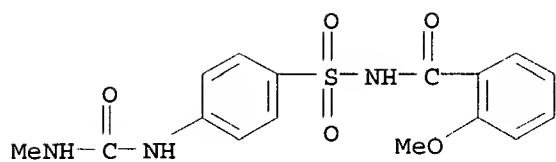
CMF C13 H21 N3 O6 S2



CM 2

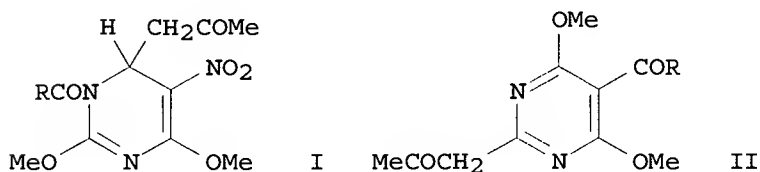
CRN 129531-12-0

CMF C16 H17 N3 O5 S



=> d bib abs hitstr 125 4

L25 ANSWER 4 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1996:402167 CAPLUS  
 DN 125:195559  
 TI Sigma-complexes of pyrimidines. 12. Acylation and  
 ethoxycarbonylation of 5-nitropyrimidine acetonyl anion  
 sigma-complexes  
 AU Vishnevskii, S. G.; Pirozhenko, V. V.; Remennikov, G. Ya.  
 CS Inst. Bioorg. Khim. Neftekhim., NAN Ukr., Kiev, 253660, Ukraine  
 SO Khim. Geterotsikl. Soedin. (1996), (1), 77-80  
 CODEN: KGSSAQ; ISSN: 0132-6244  
 DT Journal  
 LA Russian  
 GI



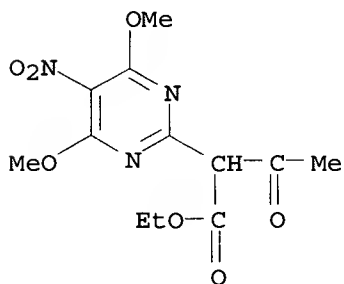
AB Acylation of the acetonyl .sigma.-complex of 2,4-dimethoxy-5-nitropyrimidine having the acetonyl group in position 6 gave N(1)-substituted products I (R = Me, Ph, EtO). Acylation of the acetonyl .sigma.-complex of 4,6-dimethoxy-5-nitropyrimidine having the acetonyl group in position 2 gave C(5)-substituted products II (R = Me, EtO).

IT 180901-88-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)

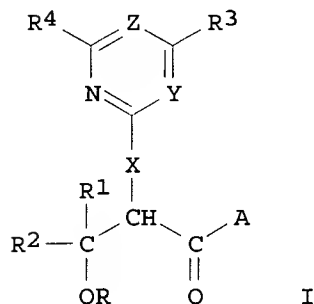
RN 180901-88-6 CAPLUS

CN 2-Pyrimidineacetic acid, .alpha.-acetyl-4,6-dimethoxy-5-nitro-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 5

L25 ANSWER 5 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1996:237460 CAPLUS  
DN 124:289560  
TI Preparation of pyrimidinyl- and triazinyl-oxy and  
thio-3-haloalkyl-propionic acid derivatives as herbicides  
IN Luethy, Christoph; Lutz, William  
PA Ciba-Geigy A.-G., Switz.  
SO PCT Int. Appl., 115 pp.  
CODEN: PIXXD2  
PI WO 9600219 A1 960104  
DS W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG,  
KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU,  
SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN  
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,  
IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG  
AI WO 95-EP2295 950613  
PRAI CH 94-2045 940627  
CH 94-2858 940920  
DT Patent  
LA English  
OS MARPAT 124:289560  
GI



AB The title compds. [I; A = alkylthio, alkyloxy, OH, (un)substituted heterocyclyl, etc.; R = H, (un)substituted alkyl, haloalkyl, (un)substituted Ph, etc.; R<sup>1</sup> = C1-7 haloalkyl; R<sup>2</sup> = H, alkyl, alkenyl, cycloalkyl, (un)substituted Ph, pyridyl, thienyl, etc.; R<sup>3</sup> = Me, Et, MeO, EtO, CF<sub>3</sub>O, HCF<sub>2</sub>O, etc.; R<sup>4</sup> = F, Cl, Me, Et, Pr, cyclopropyl, MeO, EtO, etc; X = O, S; Y = N or if Z = N then Y is N, (un)substituted CH; Z = N, (un)substituted CH], useful as selective herbicides esp. for controlling weeds, are prepd. and I-contg. formulations presented. Thus, I (A = OCMe<sub>3</sub>, R = R<sup>2</sup> = Me, R<sup>3</sup> = R<sup>4</sup> = OMe, X = S, Y = N, Z = CH) was prepd.

IT 175527-30-7P 175527-31-8P 175527-36-3P  
175527-37-4P 175527-38-5P 175527-39-6P  
175527-40-9P 175527-41-0P 175527-43-2P  
175527-47-6P 175527-50-1P 175527-51-2P  
175527-52-3P 175527-53-4P 175527-54-5P  
175527-55-6P 175527-56-7P 175527-71-6P  
175527-72-7P 175527-76-1P 175527-77-2P  
175527-78-3P 175527-79-4P 175527-80-7P

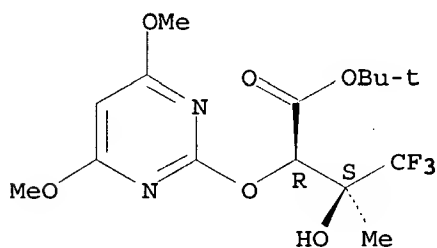
175527-82-9P 175527-83-0P 175527-84-1P  
 175527-88-5P 175527-89-6P 175527-90-9P  
 175527-91-0P 175527-92-1P 175527-93-2P  
 175527-94-3P 175527-95-4P 175528-00-4P  
 175528-01-5P 175528-07-1P 175528-08-2P  
 175528-09-3P 175528-10-6P 175528-11-7P  
 175528-12-8P 175528-15-1P 175528-16-2P  
 175528-19-5P 175528-20-8P 175528-29-7P  
 175528-30-0P 175528-32-2P 175528-33-3P  
 175528-34-4P 175528-35-5P 175528-36-6P  
 175528-37-7P 175528-38-8P 175528-39-9P  
 175528-40-2P 175528-41-3P 175528-42-4P  
 175528-43-5P 175528-44-6P 175528-47-9P  
 175528-48-0P 175528-49-1P 175528-50-4P  
 175528-51-5P 175528-52-6P 175528-53-7P  
 175528-63-9P 175528-64-0P 175528-65-1P  
 175528-66-2P 175528-67-3P 175528-68-4P  
 175528-69-5P 175528-70-8P 175528-71-9P  
 175528-72-0P 175528-73-1P 175528-74-2P  
 175528-76-4P 175528-77-5P 175528-79-7P  
 175528-80-0P 175528-81-1P 175672-08-9P  
 175672-09-0P 175672-10-3P 175672-11-4P  
 175672-12-5P 175672-13-6P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of pyrimidinyl- and triazinyl-oxy and  
 thio-3-haloalkyl-propionic acid derivs. as herbicides)

RN 175527-30-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-  
 3-hydroxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA  
 INDEX NAME)

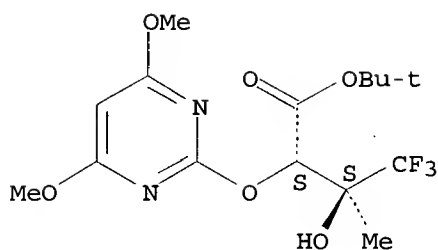
Relative stereochemistry.



RN 175527-31-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-  
 3-hydroxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA  
 INDEX NAME)

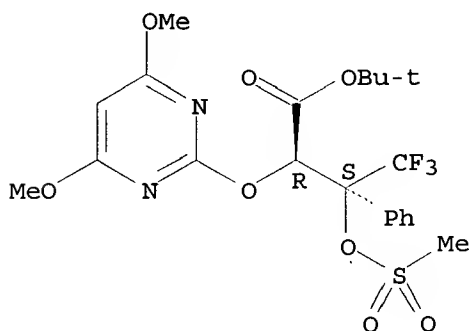
Relative stereochemistry.



RN 175527-36-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(methylsulfonyl)oxy]-.beta.-(trifluoromethyl)-,  
1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

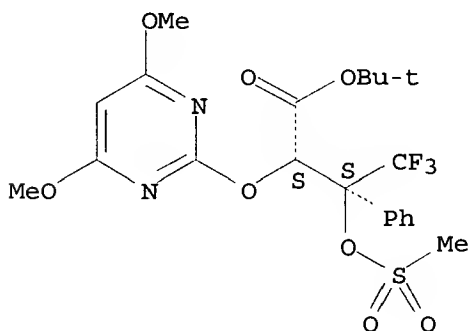
Relative stereochemistry.



RN 175527-37-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-[(methylsulfonyl)oxy]-.beta.-(trifluoromethyl)-,  
1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

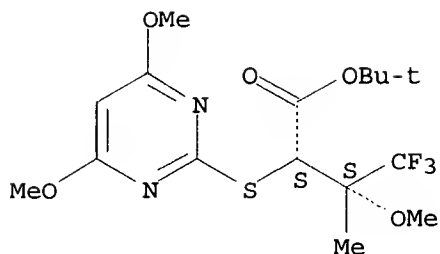
Relative stereochemistry.



RN 175527-38-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-  
3-methoxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA  
INDEX NAME)

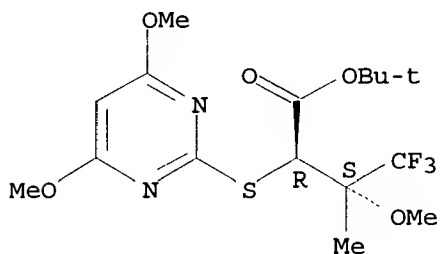
Relative stereochemistry.



RN 175527-39-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

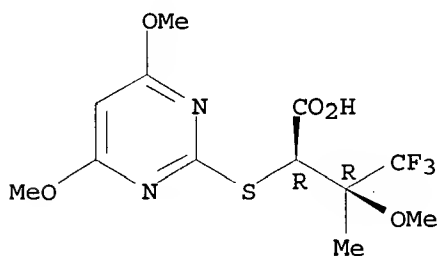
Relative stereochemistry.



RN 175527-40-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

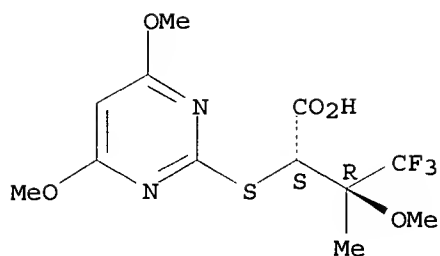
Relative stereochemistry.



RN 175527-41-0 CAPLUS

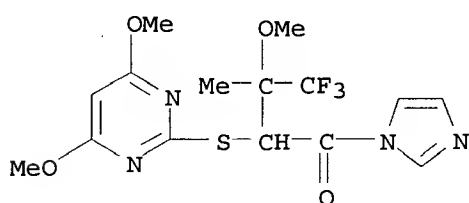
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-, (R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



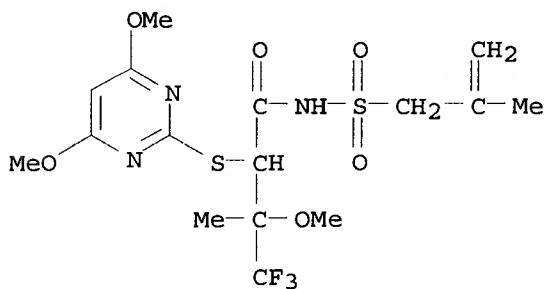
RN 175527-43-2 CAPLUS

CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]- (9CI) (CA INDEX NAME)



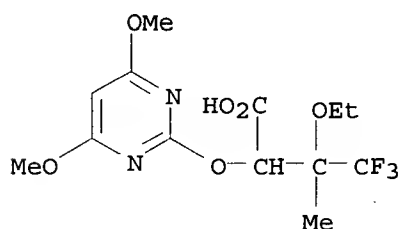
RN 175527-47-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-N-[(2-methyl-2-propenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 175527-50-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl- (9CI) (CA INDEX NAME)

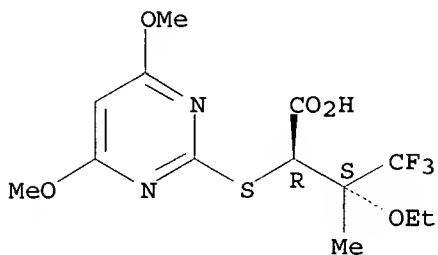


RN 175527-51-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-3-methyl-, (R\*,S\*)- (9CI) (CA INDEX NAME)



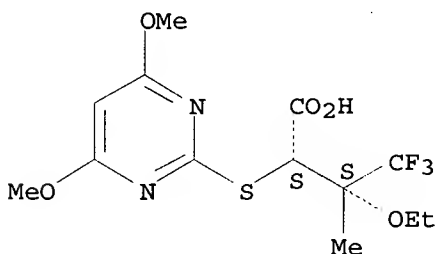
Relative stereochemistry.



RN 175527-52-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-3-methyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

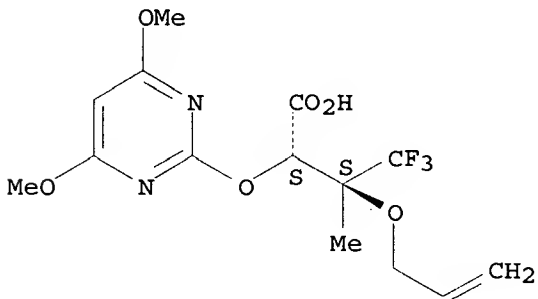
Relative stereochemistry.



RN 175527-53-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methyl-3-(2-propenyloxy)-, (R\*,R\*)- (9CI) (CA INDEX NAME)

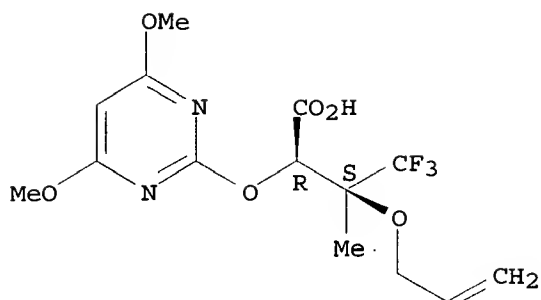
Relative stereochemistry.



RN 175527-54-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methyl-3-(2-propenyloxy)-, (R\*,S\*)- (9CI) (CA INDEX NAME)

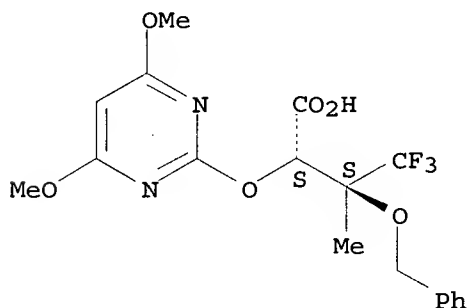
Relative stereochemistry.



RN 175527-55-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methyl-3-(phenylmethoxy)-, (R\*,R\*)- (9CI) (CA INDEX NAME)

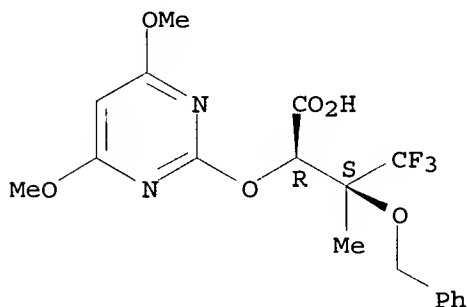
Relative stereochemistry.



RN 175527-56-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methyl-3-(phenylmethoxy)-, (R\*,S\*)- (9CI) (CA INDEX NAME)

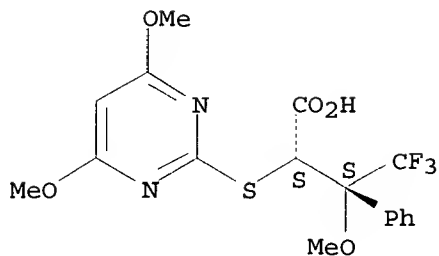
Relative stereochemistry.



RN 175527-71-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-.beta.-methoxy-.beta.-(trifluoromethyl)-, (R\*,R\*)- (9CI) (CA INDEX NAME)

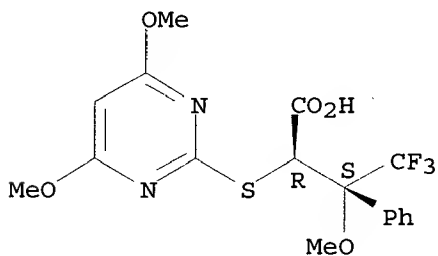
Relative stereochemistry.



RN 175527-72-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
.beta.-methoxy-.beta.-(trifluoromethyl)-, (R\*,S\*)- (9CI) (CA INDEX  
NAME)

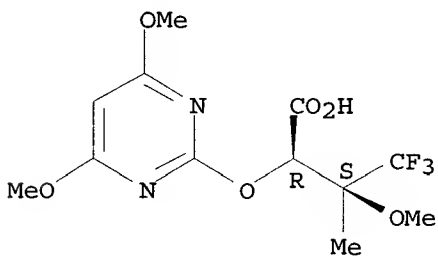
Relative stereochemistry.



RN 175527-76-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-  
3-methoxy-3-methyl-, (R\*,S\*)- (9CI) (CA INDEX NAME)

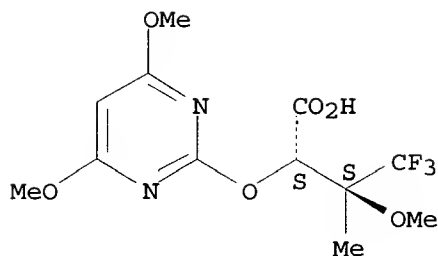
Relative stereochemistry.



RN 175527-77-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-  
3-methoxy-3-methyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

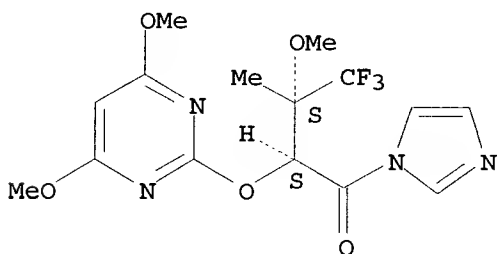
Relative stereochemistry.



RN 175527-78-3 CAPLUS

CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, (R\*,R\*)- (9CI) (CA INDEX NAME)

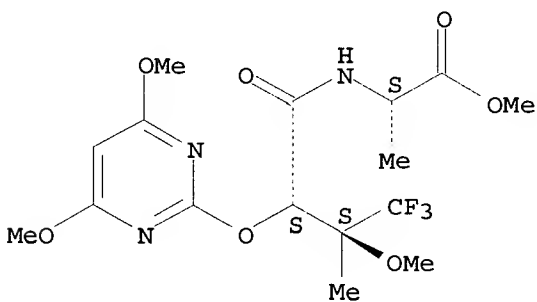
Relative stereochemistry.



RN 175527-79-4 CAPLUS

CN L-Alanine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [S-(R\*,R\*)]- (9CI) (CA INDEX NAME)

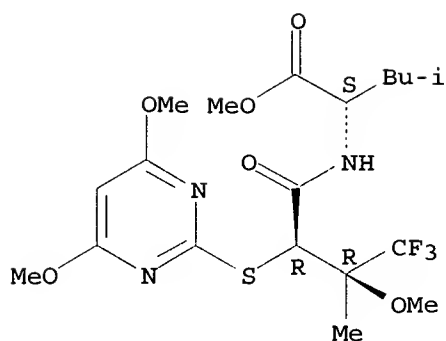
Absolute stereochemistry.



RN 175527-80-7 CAPLUS

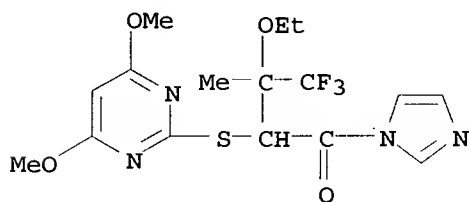
CN L-Leucine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 175527-82-9 CAPLUS

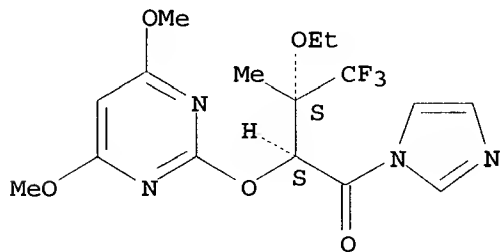
CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-3-methyl-1-oxobutyl]- (9CI) (CA INDEX NAME)



RN 175527-83-0 CAPLUS

CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-1-oxobutyl]-, (R\*,R\*)- (9CI) (CA INDEX NAME)

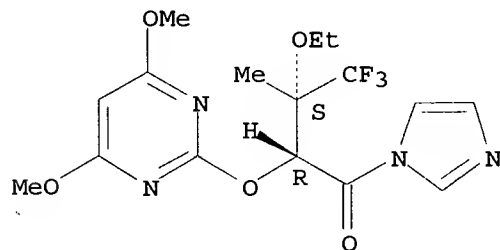
Relative stereochemistry.



RN 175527-84-1 CAPLUS

CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-1-oxobutyl]-, (R\*,S\*)- (9CI) (CA INDEX NAME)

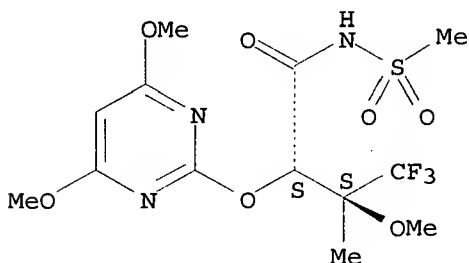
Relative stereochemistry.



RN 175527-88-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-N-(methylsulfonyl)-, (R\*,R\*)- (9CI) (CA INDEX NAME)

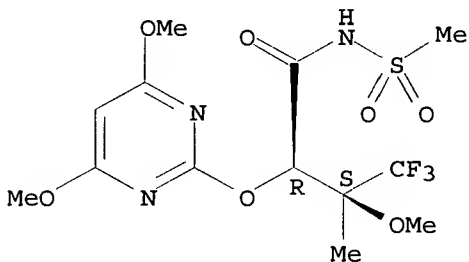
Relative stereochemistry.



RN 175527-89-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-N-(methylsulfonyl)-, (R\*,S\*)- (9CI) (CA INDEX NAME)

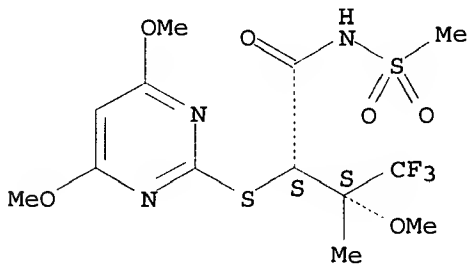
Relative stereochemistry.



RN 175527-90-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-N-(methylsulfonyl)-, (R\*,R\*)- (9CI) (CA INDEX NAME)

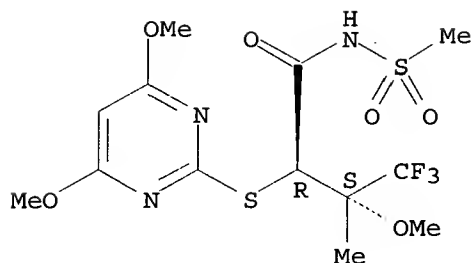
Relative stereochemistry.



RN 175527-91-0 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-N-(methylsulfonyl)-, (R\*,S\*)- (9CI) (CA INDEX NAME)

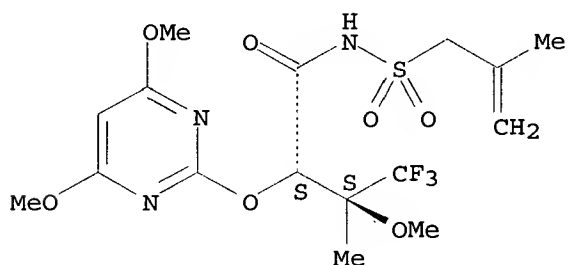
Relative stereochemistry.



RN 175527-92-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-N-[(2-methyl-2-propenyl)sulfonyl]-, (R\*,R\*)- (9CI)  
(CA INDEX NAME)

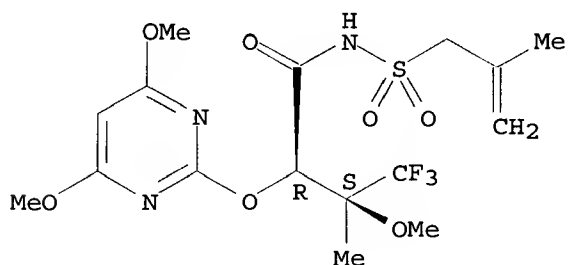
Relative stereochemistry.



RN 175527-93-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-N-[(2-methyl-2-propenyl)sulfonyl]-, (R\*,S\*)- (9CI)  
(CA INDEX NAME)

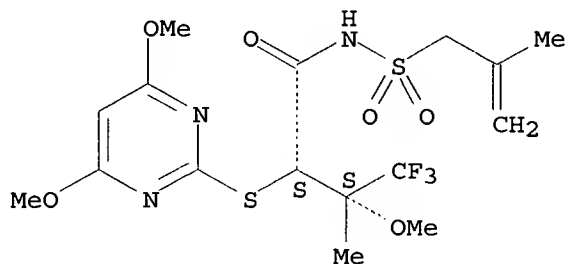
Relative stereochemistry.



RN 175527-94-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-N-[(2-methyl-2-propenyl)sulfonyl]-, (R\*,R\*)- (9CI)  
(CA INDEX NAME)

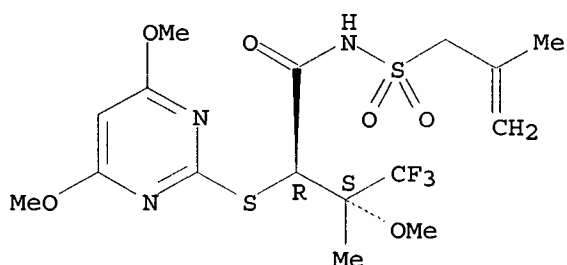
Relative stereochemistry.



RN 175527-95-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-N-[(2-methyl-2-propenyl)sulfonyl]-, (R\*,S\*)-(9CI)  
(CA INDEX NAME)

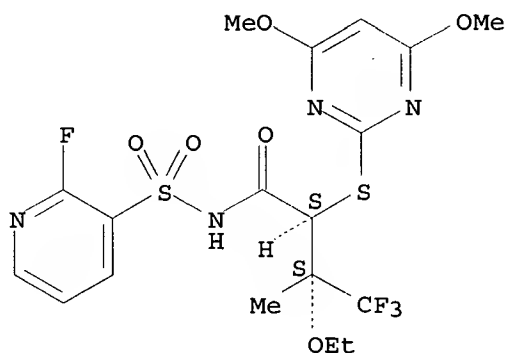
Relative stereochemistry.



RN 175528-00-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-N-[(2-fluoro-3-pyridinyl)sulfonyl]-3-methyl-, (R\*,R\*)-(9CI) (CA INDEX NAME)

Relative stereochemistry.

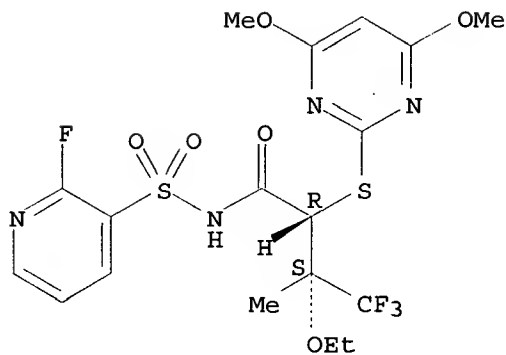


RN 175528-01-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-N-[(2-fluoro-3-pyridinyl)sulfonyl]-3-methyl-, (R\*,S\*)-(9CI) (CA INDEX NAME)

Relative stereochemistry.

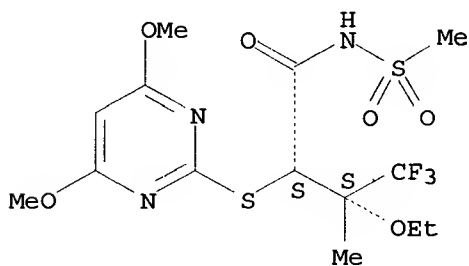




RN 175528-07-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-3-methyl-N-(methylsulfonyl)-, (R\*,R\*)- (9CI) (CA INDEX NAME)

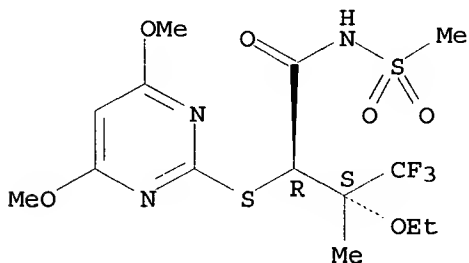
Relative stereochemistry.



RN 175528-08-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-3-methyl-N-(methylsulfonyl)-, (R\*,S\*)- (9CI) (CA INDEX NAME)

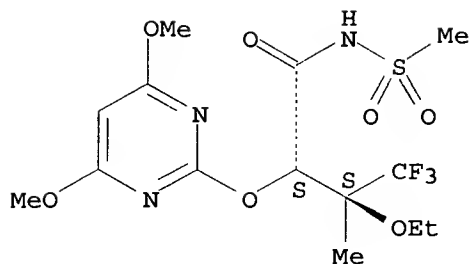
Relative stereochemistry.



RN 175528-09-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-N-(methylsulfonyl)-, (R\*,R\*)- (9CI) (CA INDEX NAME)

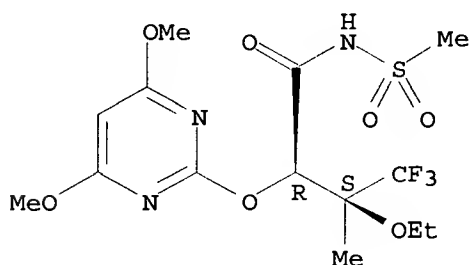
Relative stereochemistry.



RN 175528-10-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-N-(methylsulfonyl)-, (R\*,S\*)- (9CI) (CA INDEX NAME)

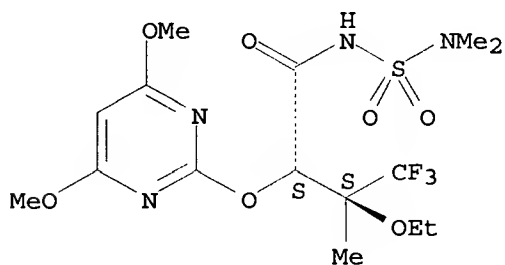
Relative stereochemistry.



RN 175528-11-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-[(dimethylamino)sulfonyl]-3-ethoxy-4,4,4-trifluoro-3-methyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

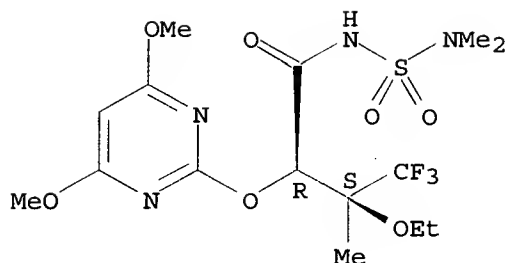
Relative stereochemistry.



RN 175528-12-8 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-[(dimethylamino)sulfonyl]-3-ethoxy-4,4,4-trifluoro-3-methyl-, (R\*,S\*)- (9CI) (CA INDEX NAME)

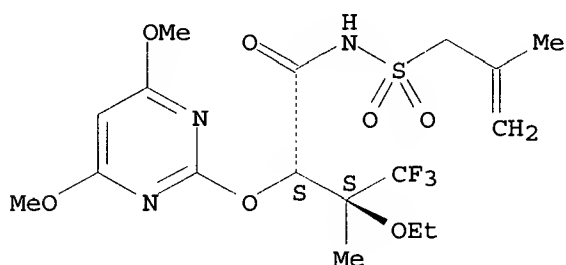
Relative stereochemistry.



RN 175528-15-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-N-[(2-methyl-2-propenyl)sulfonyl]-, (R\*,R\*)-(9CI) (CA INDEX NAME)

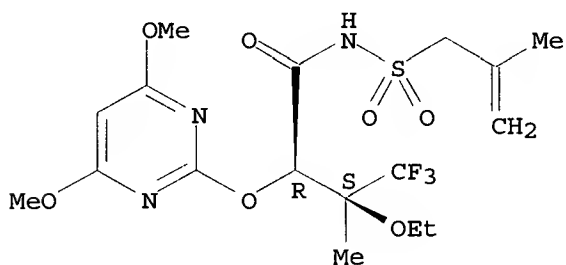
Relative stereochemistry.



RN 175528-16-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-N-[(2-methyl-2-propenyl)sulfonyl]-, (R\*,S\*)-(9CI) (CA INDEX NAME)

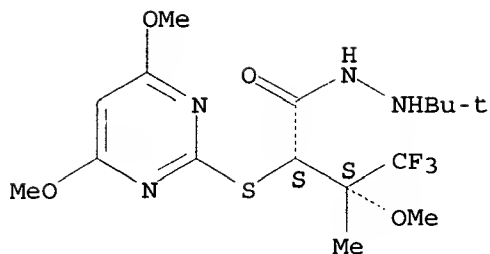
Relative stereochemistry.



RN 175528-19-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-, 2-(1,1-dimethylethyl)hydrazide, (R\*,R\*)-(9CI) (CA INDEX NAME)

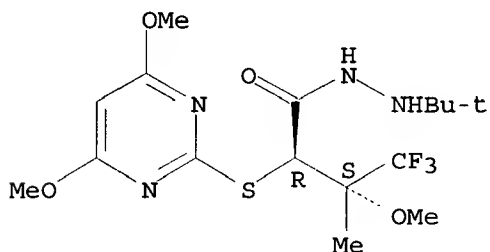
Relative stereochemistry.



RN 175528-20-8 CAPLUS

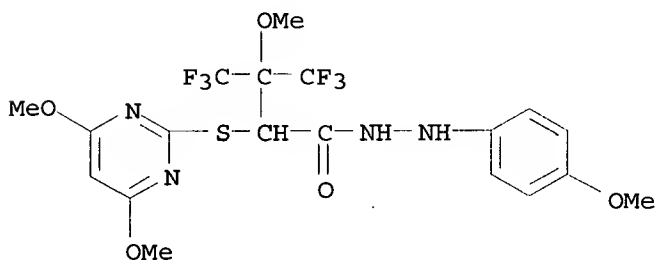
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-, 2-(1,1-dimethylethyl)hydrazide, (R\*,S\*)- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



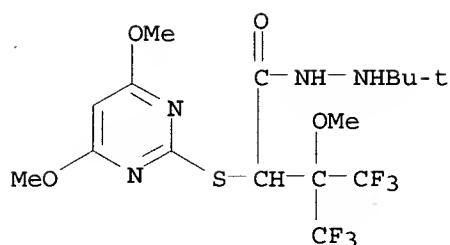
RN 175528-29-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-(trifluoromethyl)-, 2-(4-methoxyphenyl)hydrazide (9CI)  
(CA INDEX NAME)



RN 175528-30-0 CAPLUS

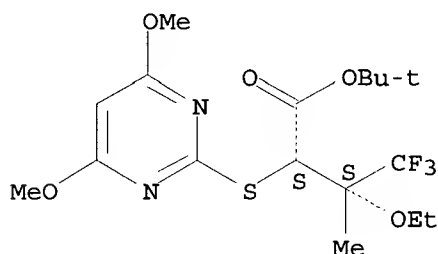
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-(trifluoromethyl)-, 2-(1,1-dimethylethyl)hydrazide (9CI)  
(CA INDEX NAME)



RN 175528-32-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-3-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

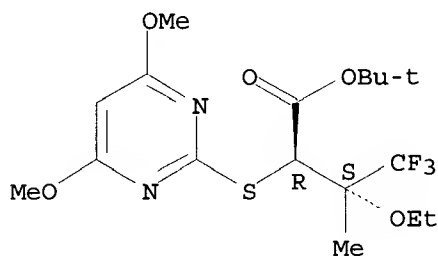
Relative stereochemistry.



RN 175528-33-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-4,4,4-trifluoro-3-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

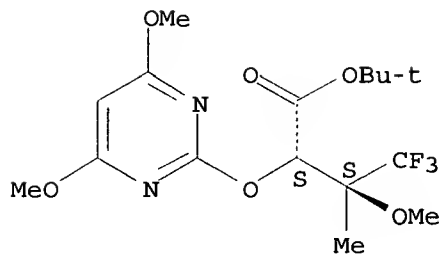
Relative stereochemistry.



RN 175528-34-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

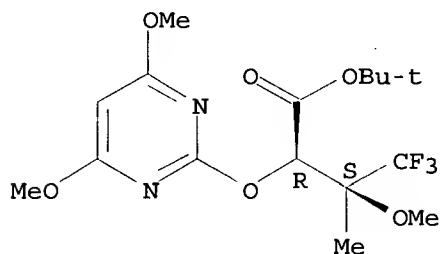
Relative stereochemistry.



RN 175528-35-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

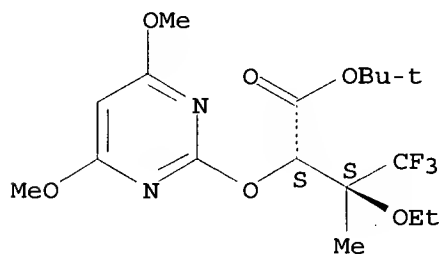
Relative stereochemistry.



RN 175528-36-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

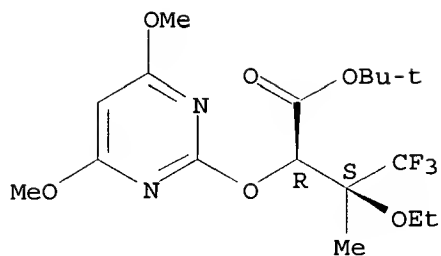
Relative stereochemistry.



RN 175528-37-7 CAPLUS

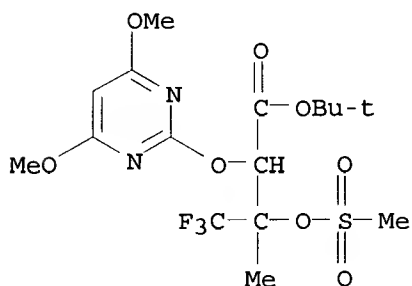
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4,4,4-trifluoro-3-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 175528-38-8 CAPLUS

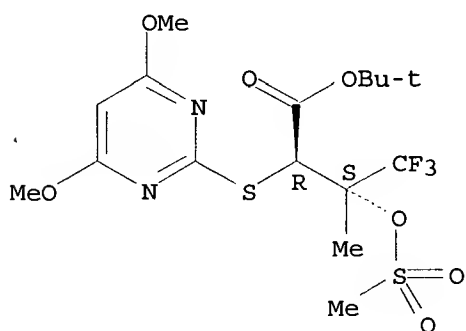
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methyl-3-[(methylsulfonyl)oxy]-, 1,1-dimethylethyl ester (9CI)  
(CA INDEX NAME)



RN 175528-39-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methyl-3-[(methylsulfonyl)oxy]-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

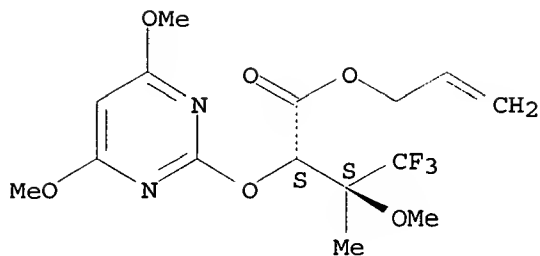
Relative stereochemistry.



RN 175528-40-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-, 2-propenyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

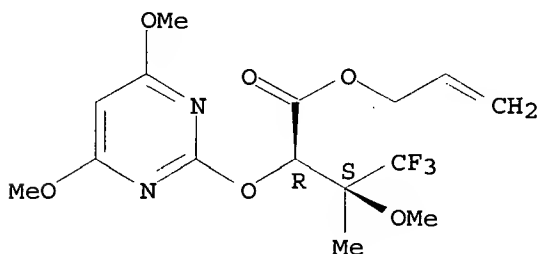
Relative stereochemistry.



RN 175528-41-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-, 2-propenyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

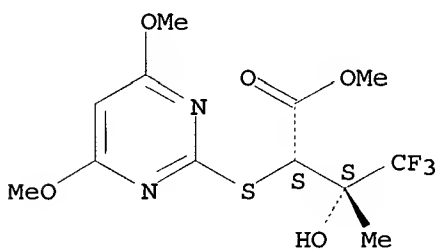
Relative stereochemistry.



RN 175528-42-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-hydroxy-3-methyl-, methyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

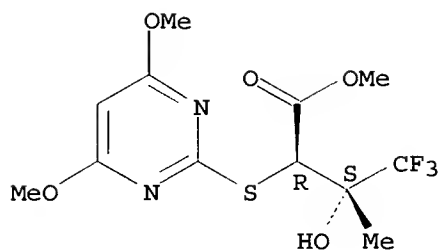


RN 175528-43-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-hydroxy-3-methyl-, methyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

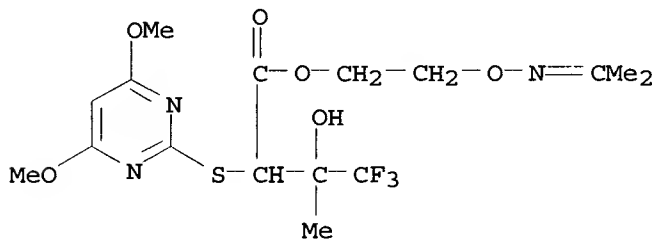
Relative stereochemistry.





RN 175528-44-6 CAPLUS

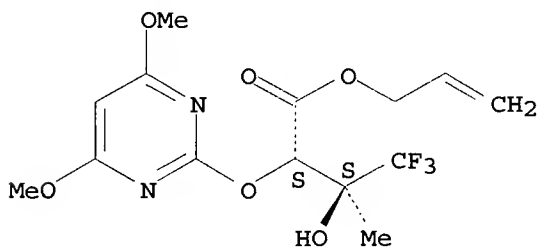
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-hydroxy-3-methyl-, 2-[[[(1-methylethylidene)amino]oxy]ethyl ester (9CI) (CA INDEX NAME)



RN 175528-47-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-hydroxy-3-methyl-, 2-propenyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

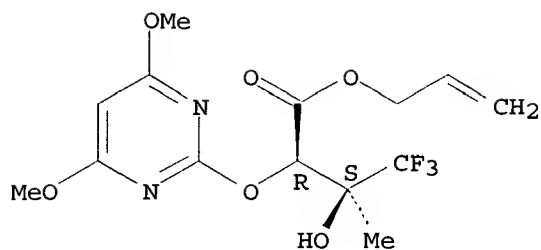
Relative stereochemistry.



RN 175528-48-0 CAPLUS

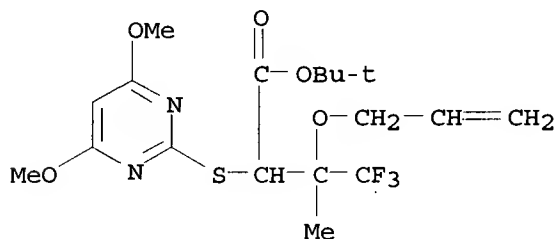
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-hydroxy-3-methyl-, 2-propenyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 175528-49-1 CAPLUS

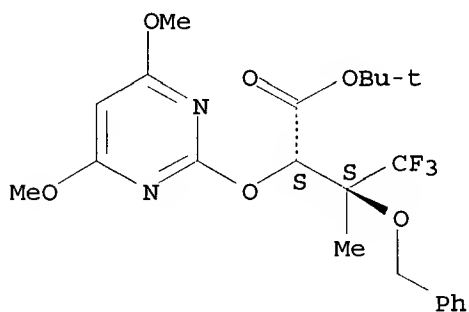
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methyl-3-(2-propenyloxy)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 175528-50-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methyl-3-(phenylmethoxy)-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

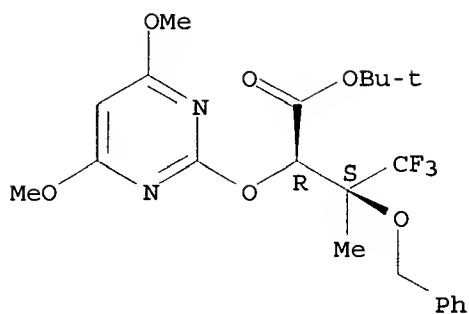
Relative stereochemistry.



RN 175528-51-5 CAPLUS

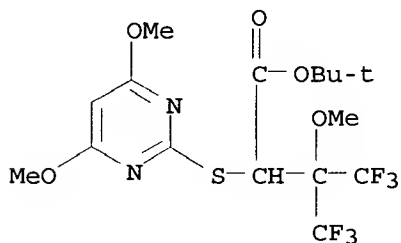
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methyl-3-(phenylmethoxy)-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



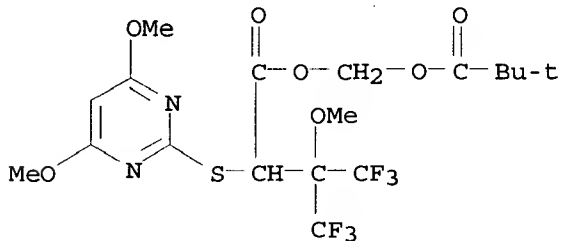
RN 175528-52-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-(trifluoromethyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 175528-53-7 CAPLUS

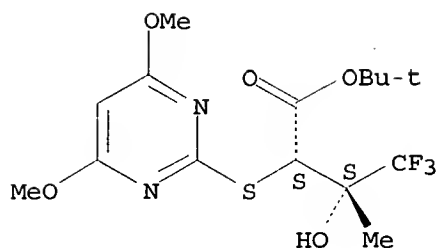
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-(trifluoromethyl)-, (2,2-dimethyl-1-oxopropoxy)methyl ester (9CI) (CA INDEX NAME)



RN 175528-63-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-hydroxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

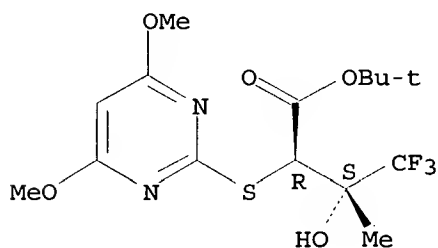
Relative stereochemistry.



RN 175528-64-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-hydroxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

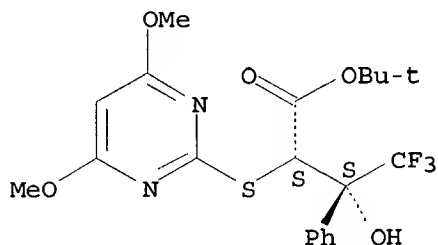
Relative stereochemistry.



RN 175528-65-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-.beta.-hydroxy-.beta.-(trifluoromethyl)-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

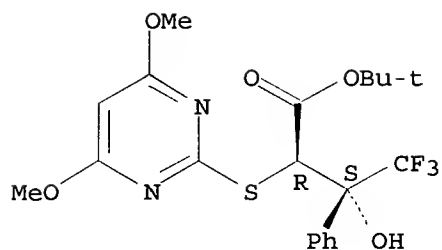
Relative stereochemistry.



RN 175528-66-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-.beta.-hydroxy-.beta.-(trifluoromethyl)-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

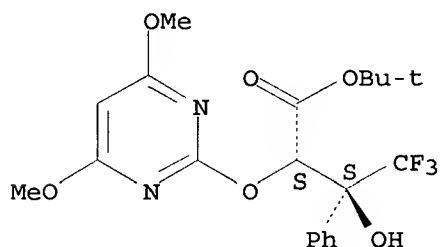
Relative stereochemistry.



RN 175528-67-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-hydroxy-.beta.-(trifluoromethyl)-, 1,1-dimethylethyl ester,  
(R\*,R\*)- (9CI) (CA INDEX NAME)

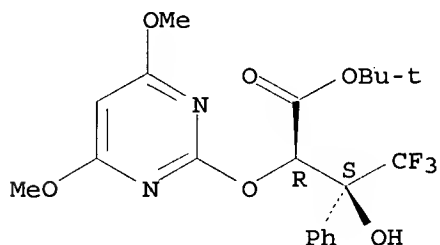
Relative stereochemistry.



RN 175528-68-4 CAPLUS

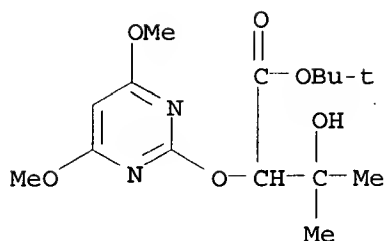
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-hydroxy-.beta.-(trifluoromethyl)-, 1,1-dimethylethyl ester,  
(R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 175528-69-5 CAPLUS

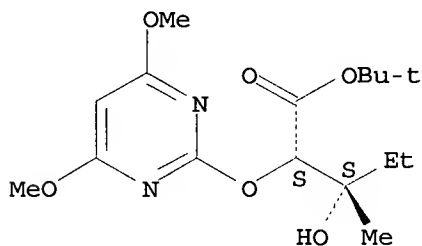
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-hydroxy-3-  
methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 175528-70-8 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-hydroxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

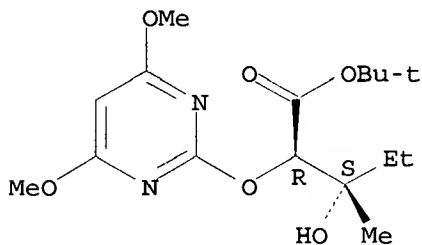
Relative stereochemistry.



RN 175528-71-9 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-hydroxy-3-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

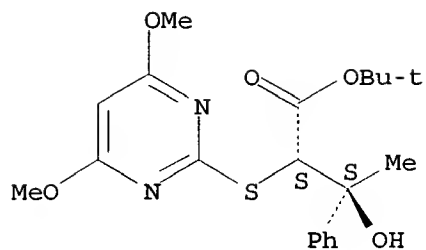
Relative stereochemistry.



RN 175528-72-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-.beta.-hydroxy-.beta.-methyl-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

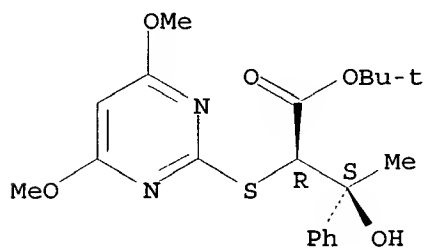
Relative stereochemistry.



RN 175528-73-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
.beta.-hydroxy-.beta.-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)-  
(9CI) (CA INDEX NAME)

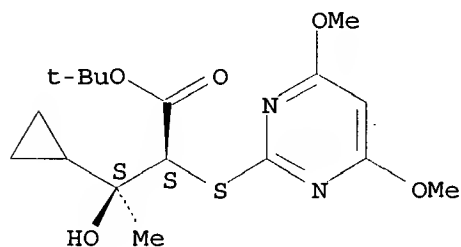
Relative stereochemistry.



RN 175528-74-2 CAPLUS

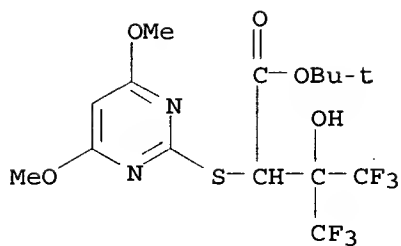
CN Cyclopropanepropanoic acid, .alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)thio]-.beta.-hydroxy-.beta.-methyl-, 1,1-dimethylethyl  
ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



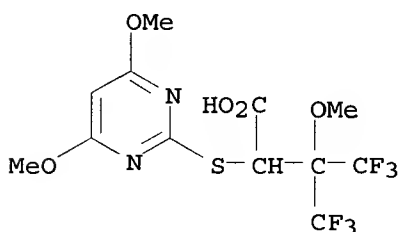
RN 175528-76-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-  
3-hydroxy-3-(trifluoromethyl)-, 1,1-dimethylethyl ester (9CI) (CA  
INDEX NAME)



RN 175528-77-5 CAPLUS

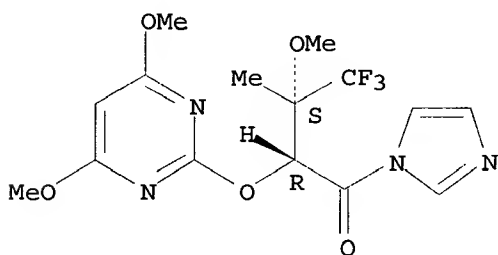
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 175528-79-7 CAPLUS

CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, (R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

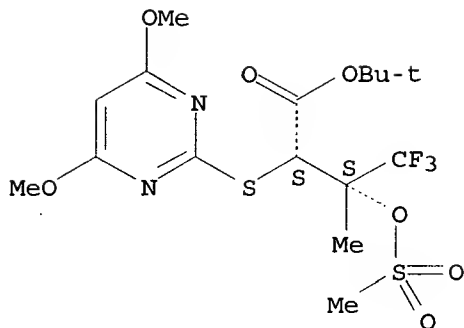


RN 175528-80-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methyl-3-[(methylsulfonyl)oxy]-, 1,1-dimethylethyl ester, (R\*,R\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

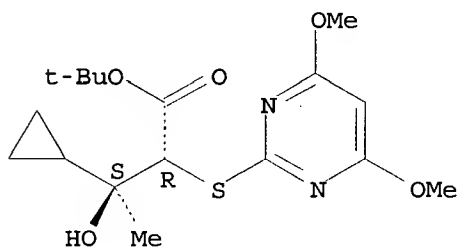




RN 175528-81-1 CAPLUS

CN Cyclopropanepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-.beta.-hydroxy-.beta.-methyl-, 1,1-dimethylethyl ester, (R\*,S\*)- (9CI) (CA INDEX NAME)

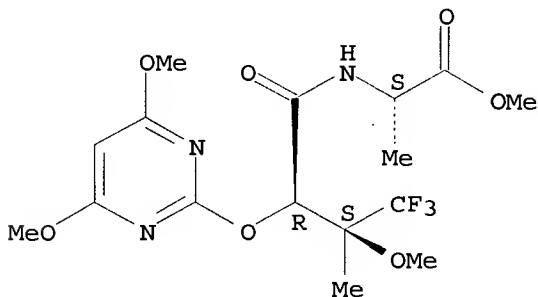
Relative stereochemistry.



RN 175672-08-9 CAPLUS

CN L-Alanine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [R-(R\*,S\*)]- (9CI) (CA INDEX NAME)

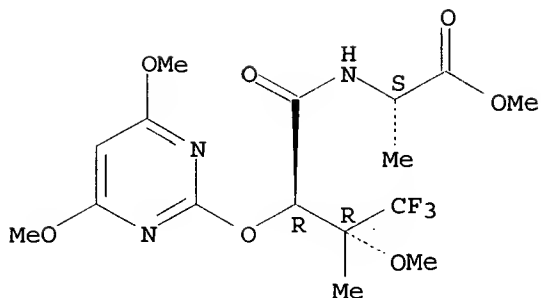
Absolute stereochemistry.



RN 175672-09-0 CAPLUS

CN L-Alanine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

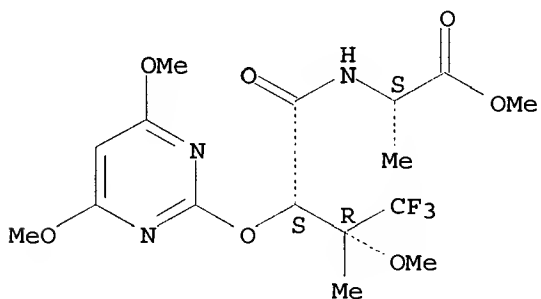
Absolute stereochemistry.



RN 175672-10-3 CAPLUS

CN L-Alanine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [S-(R\*,S\*)]- (9CI) (CA INDEX NAME)

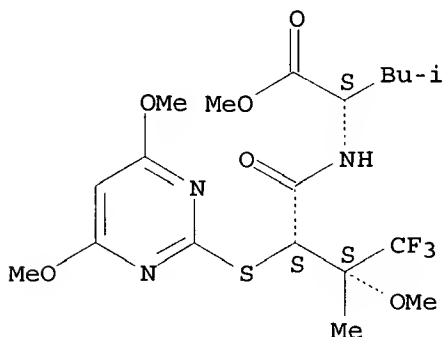
Absolute stereochemistry.



RN 175672-11-4 CAPLUS

CN L-Leucine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [S-(R\*,R\*)]- (9CI) (CA INDEX NAME)

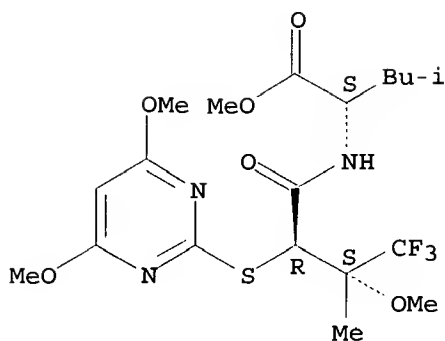
Absolute stereochemistry.



RN 175672-12-5 CAPLUS

CN L-Leucine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [R-(R\*,S\*)]- (9CI) (CA INDEX NAME)

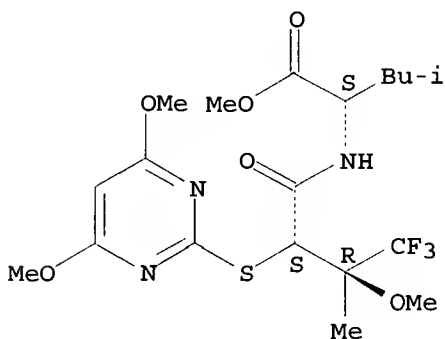
Absolute stereochemistry.



RN 175672-13-6 CAPLUS

CN L-Leucine, N-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-methoxy-3-methyl-1-oxobutyl]-, methyl ester, [S-(R\*,S\*)]- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



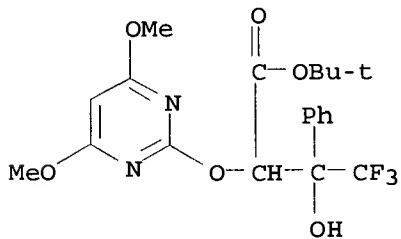
IT 175527-34-1 175527-35-2

RL: RCT (Reactant)

(prepn. of pyrimidinyl- and triazinyl-oxy and  
thio-3-haloalkyl-propionic acid derivs. as herbicides)

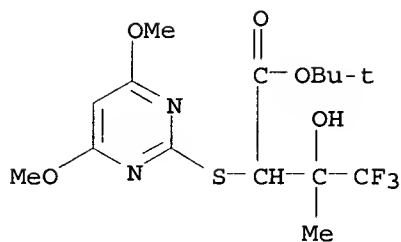
RN 175527-34-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-hydroxy-.beta.-(trifluoromethyl)-, 1,1-dimethylethyl ester  
(9CI) (CA INDEX NAME)



RN 175527-35-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-3-hydroxy-3-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

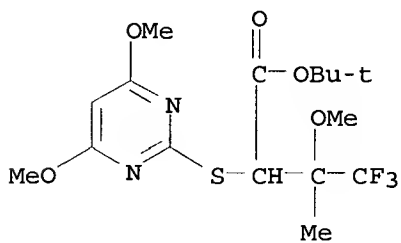


IT 175527-33-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of pyrimidinyl- and triazinyl-oxy and  
thio-3-haloalkyl-propionic acid derivs. as herbicides)

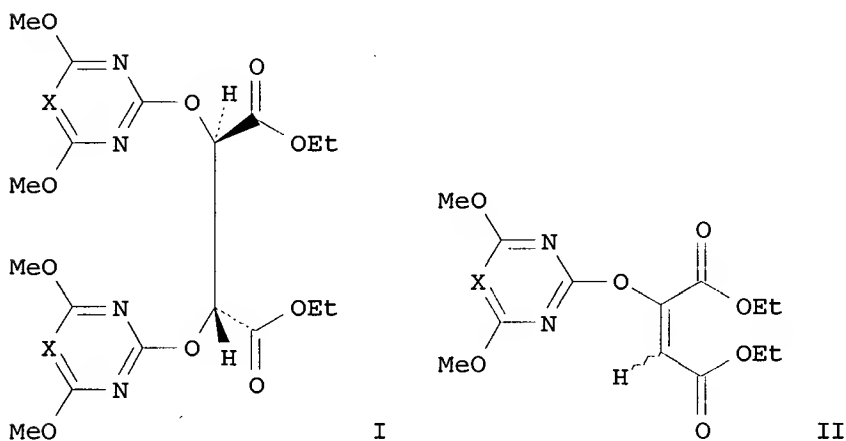
RN 175527-33-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-4,4,4-trifluoro-  
3-methoxy-3-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



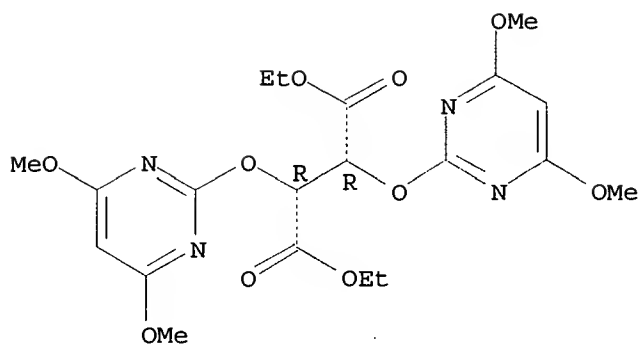
=> d bib abs hitstr 125 6

L25 ANSWER 6 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1996:231214 CAPLUS  
DN 125:10766  
TI The novel stereoselective and stereospecific elimination reactions  
of the chiral diethyl-2,3-bis[(4,6-dimethoxypyrimidin  
(or-S-triazin)-2-yl)oxy]butanedioate  
AU Liao, Yun; Li, Zhengming  
CS Elemento-organic Chemistry Institute, Nankai University, Tianjin,  
300071, Peop. Rep. China  
SO Synth. Commun. (1996), 26(9), 1669-74  
CODEN: SYNCAV; ISSN: 0039-7911  
DT Journal  
LA English  
OS CASREACT 125:10766  
GI



AB The titled new compds. I (X = CH, N) underwent a novel  
stereoselective or stereospecific elimination reaction in which the  
stereochem. greatly depends on the types of the heterocycles  
substituted. Thus, elimination reaction of I (X = N) gave trans and  
cis-alkene II in 81 and 15% yields, resp., whereas I (X = CH) only  
gave cis-II in 94% yield.  
IT 176971-87-2 176971-88-3  
RL: RCT (Reactant)  
(stereospecific and stereoselective elimination reactions of  
bis[(pyrimidinyl- or triazinyl)oxy]butanedioates)  
RN 176971-87-2 CAPLUS  
CN Butanedioic acid, 2,3-bis[(4,6-dimethoxy-2-pyrimidinyl)oxy]-,  
diethyl ester, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

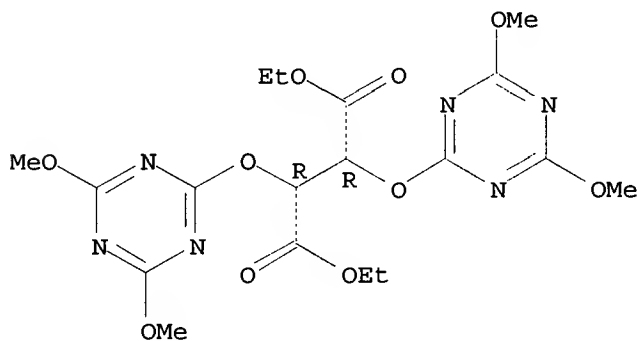
Absolute stereochemistry. Rotation (-).



RN 176971-88-3 CAPLUS

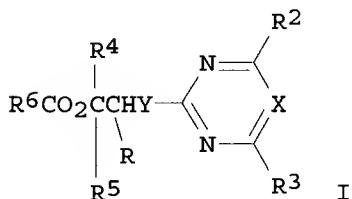
CN Butanedioic acid, 2,3-bis[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-, diethyl ester, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



=> d bib abs hitstr 125 7

L25 ANSWER 7 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1995:667255 CAPLUS  
DN 123:83384  
TI Preparation of 3-hydroxycarboxylic acid-derivative herbicides and  
plant-growth regulators  
IN Baumann, Ernst; Rheinheimer, Joachim; Vogelbacher, Uwe Josef;  
Gerber, Matthias; Rademacher, Wilhelm; Walter, Helmut; Westphalen,  
Karl-Otto  
PA BASF A.-G., Germany  
SO Ger. Offen., 26 pp.  
CODEN: GWXXBX  
PI DE ~~4335950 A1~~ 950427  
AI DE 93-4335950 931021  
DT Patent  
LA German  
OS MARPAT 123:83384  
GI



AB The title compds. [I; R = CHO, CO<sub>2</sub>H, CO<sub>2</sub>H substituted with a hydrolyzable group; R<sub>2</sub>, R<sub>3</sub> = halogen, (un)substituted alkyl, (un)substituted alkoxy, alkylthio; R<sub>4</sub> = (un)substituted alkyl; R<sub>5</sub> = H, alkyl, alkenyl, alkynyl, alkylcarbonyl, cycloalkyl, (un)substituted Ph, etc.; R<sub>6</sub> = (un)substituted alkyl; X = N, (un)substituted CH; Y = O, S] [e.g., Me 3-acetoxy-3-phenyl-2-[(4,6-dimethoxypyrimidin-2-yl)thio]butyrate], useful as herbicides and plant-growth regulators (no data), are prepd.

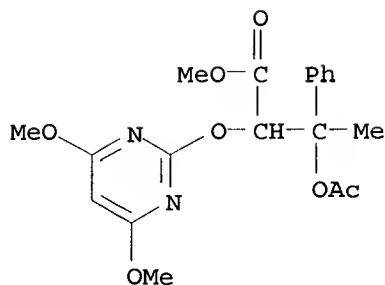
IT 164790-06-1P

RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 3-hydroxycarboxylic acid-deriv. herbicides and plant-growth regulators)

RN 164790-06-1 CAPLUS

CN Benzenepropanoic acid, .beta.-(acetyloxy)-.alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA INDEX NAME)

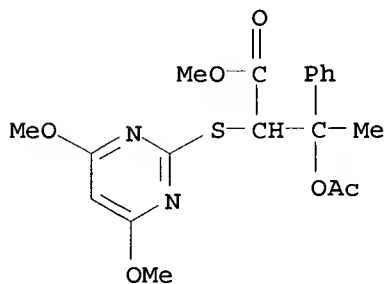


IT 164790-03-8P 164790-04-9P 164790-05-0P  
164790-09-4P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL  
(Biological study); PREP (Preparation); USES (Uses)  
(prepn. of 3-hydroxycarboxylic acid-deriv. herbicides and  
plant-growth regulators)

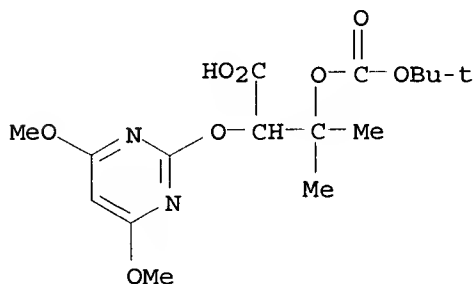
RN 164790-03-8 CAPLUS

CN Benzenepropanoic acid, .beta.-(acetyloxy)-.alpha.-[(4,6-dimethoxy-2-  
pyrimidinyl)thio]-.beta.-methyl-, methyl ester (9CI) (CA INDEX  
NAME)



RN 164790-04-9 CAPLUS

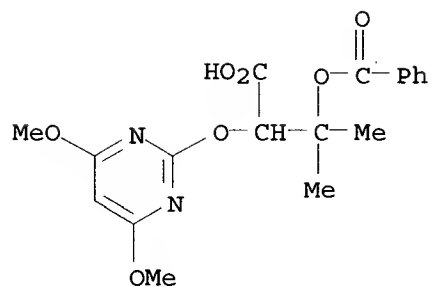
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[[ (1,1-  
dimethylethoxy) carbonyl]oxy]-3-methyl- (9CI) (CA INDEX NAME)



RN 164790-05-0 CAPLUS

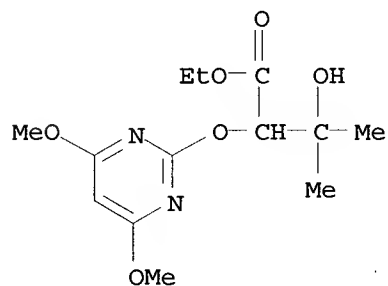
CN Butanoic acid, 3-(benzoyloxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-  
methyl- (9CI) (CA INDEX NAME)





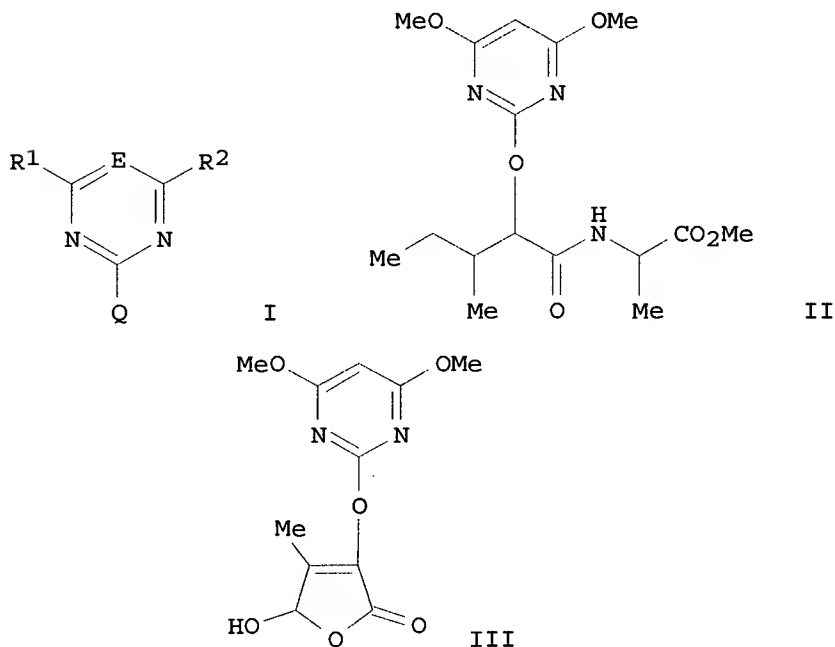
RN 164790-09-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-hydroxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 8

L25 ANSWER 8 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1995:422609 CAPLUS  
DN 122:187601  
TI Herbicidally active pyrimidinyl and triazinyl compounds  
IN Luethy, Christoph; Winternitz, Paul; Lutz, William Rudolf  
PA Ciba-Geigy A.-G., Switz.  
SO PCT Int. Appl., 67 pp.  
CODEN: PIXXD2  
PI WO 9410156 A1 940511  
DS W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, KZ, LK, MG, MN, MW,  
NO, PL, RO, RU, SD, UA, US  
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,  
IE, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG  
AI WO 92-EP2516 921103  
DT Patent  
LA English  
OS MARPAT 122:187601  
GI



AB Herbicidal pyrimidinyl and triazinyl ethers and thioethers I (R1 = alkyl, cycloalkyl, alkoxy, etc.; R2 = Me, OMe, ethoxy, etc.; E = methine, nitrogen; Q = oxygen- or sulfur-linked alkenoate group, butenolide group) were disclosed. Claimed example compds. are N-[2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methylpentenoyl]-L-alanine Me ester (II) and 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-hydroxy-3-methylbutenolide (III).

IT 147112-72-9

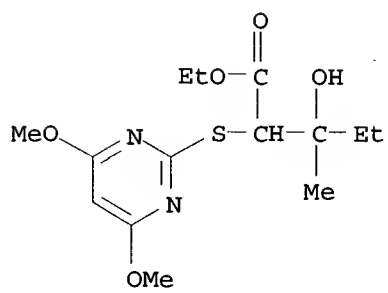
RL: RCT (Reactant)

(prepn. of .alpha.-[(pyrimidinyl)oxy]alkenoates as herbicides)

RN 147112-72-9 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-hydroxy-3-

methyl-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 9

L25 ANSWER 9 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1995:385684 CAPLUS

DN 123:32835

TI The crafting of uracils with enhanced stacking potential

AU Ranganathan, Subramania; Kundu, Dinabandhu; Mehrotra, Sanjiv

CS Dept. Chem., Indian Inst. Tech., Kanpur, 208 016, India

SO Proc. - Indian Acad. Sci., Chem. Sci. (1994), 106(5), 1051-70

CODEN: PIAADM; ISSN: 0253-4134

DT Journal

LA English

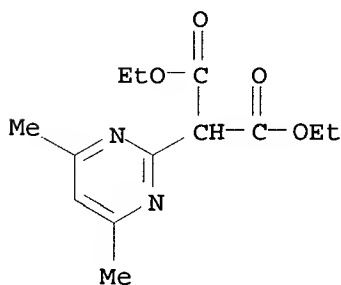
AB Uracils having enhanced stacking profile are of interest from diverse vantages ranging from the chem. simulation of transcription to the design of novel antiviral agents. This objective has been realized by synthetic strategies leading to uracils having, inter alia, pseudo arom. and hydrophobic rings crafted to the 5-6 location and ionophore and hydrophobic chains affixed at the C-5 and nitrogen atoms. Endeavors to prep. a 5-2' uracil-pyrimidine composite have led to novel uracil arising from 2-O .fwdarw. =CH(COOR)<sub>2</sub> transformation and a tethered malonic acid pyrimidine complex.

IT 164296-41-7P 164296-46-2P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of uracil derivs.)

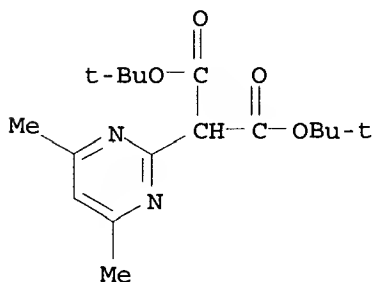
RN 164296-41-7 CAPLUS

CN Propanedioic acid, (4,6-dimethyl-2-pyrimidinyl)-, diethyl ester (9CI) (CA INDEX NAME)



RN 164296-46-2 CAPLUS

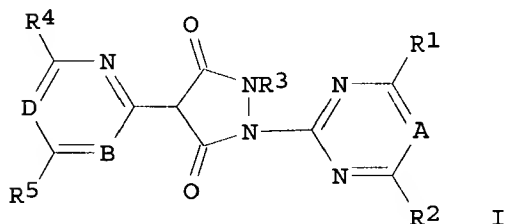
CN Propanedioic acid, (4,6-dimethyl-2-pyrimidinyl)-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)





=> d bib abs hitstr 125 10

L25 ANSWER 10 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1995:290098 CAPLUS  
DN 122:81389  
TI ~~Preparation of herbicidal~~ 1,4-di-heteroaryl pyrazolidin-3,5-diones  
IN Scheiblich, Stefan  
PA Shell Internationale Research Maatschappij B. V., Neth.  
SO PCT Int. Appl., 28 pp.  
CODEN: PIXXD2  
PI WO 9422854 A1 941013  
DS W: BR, CA, CN, JP, RU, UA, US  
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
AI WO 94-EP967 940324  
PRAI EP 93-105004 930326  
DT Patent  
LA English  
OS MARPAT 122:81389  
GI



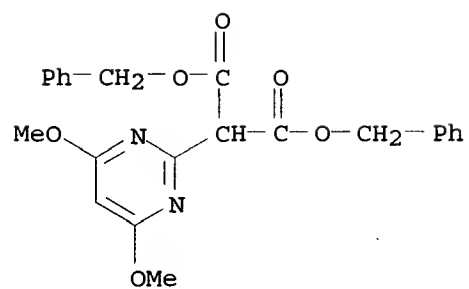
AB Title compds. I (A, B, D = N, R6C wherein R6 = H, halo, HCO, NC, HO2C, N3, optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkenylthio, alkynylthio, aryloxy, alkylamino, alkylcarbonyl or alkoxy carbonyl; R1, R2, R4, R5 = R6; R3 = H, optionally substituted alkyl, alkenyl, alkynyl, tetrahydrofurfuryl, cycloalkyl, aralkyl or Ph), salts tautomers thereof, are prepd. (2-Chloroallyl)hydrazine and di-Et malonate were added to Na/MeOH to give N-(2-chloroallyl)pyrazolidinedione which with 4,6-dimethoxy-2-methyl(methylsulfonyl)pyrimidine in DMF and NaH were reacted to give I (A = D = HC, B = N, R1 = R2 = R4 = R5 = MeO, R3 = ClCH:CHCH2) (II). In preemergence test II at s kg/ha completely controlled rice, and almost completely controlled maize, barnyard grass, oat and others.

IT 160151-57-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of herbicidal 1,4-di-heteroaryl pyrazolidin-3,5-diones)

RN 160151-57-5 CAPLUS

CN Propanedioic acid, (4,6-dimethoxy-2-pyrimidinyl)-, bis(phenylmethyl) ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 11

L25 ANSWER 11 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1995:234868 CAPLUS

DN 122:31550

TI Preparation of 3-(hetero)arylcarboxylic acid-derivative herbicides with increased species selectivity

IN Baumann, Ernst; Rheinheimer, Joachim; Vogelbacher, Uwe Josef; Bratz, Matthias; Theobald, Hans; Gerber, Matthias; Walter, Helmut; Rademacher, Wilhelm; Westphalen, Karl Otto

PA BASF A.-G., Germany

SO Ger. Offen., 25 pp.

CODEN: GWXXBX

PI DE 4313412 A1 941027

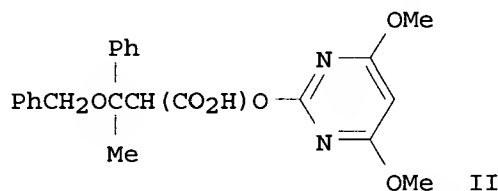
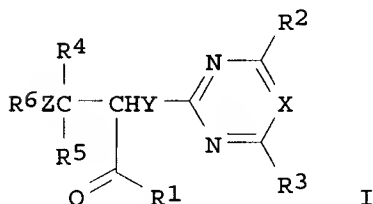
AI DE 93-4313412 930423

DT Patent

LA German

OS MARPAT 122:31550

GI



AB The title compds. [I; R1 = H, succinylimidoxy, (un)substituted N-contg. 5-member heterocyclic group, etc.; R2, R3 = halogen, C1-4 alkyl or alkoxy or alkylthio, etc.; R4 = (un)substituted Ph, (un)substituted naphthyl, (un)substituted heteroarom. residue, etc.; R5 = H, alkyl, alkenyl, alkynyl, cycloalkyl, Ph, etc.; R6 = (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl; X = N, (un)substituted CH; Y = direct bond, O, S; Z = O, S], useful as herbicides which have reduced toxicity com. plant species, are prepd. Thus, pyrimidine deriv. II (m.p. 165.degree.; decompn.) was prepd. and demonstrated 10% plant loss when applied to Gossypium hirsutum (i.e., cotton) at 0.125 kg/ha, vs. 35% plant loss for a control expt. using I (R1 = OH, R2 = R3 = OMe, R4 = Ph, R5 = R6 = Me, X = CH, Y = Z = O).

IT 159559-10-1P

RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

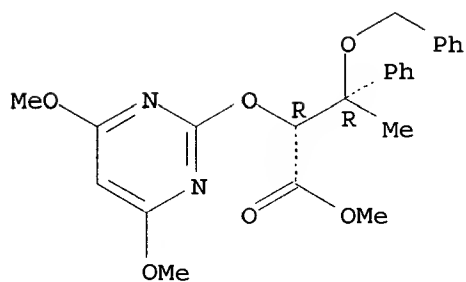
(prepn. of 3-(hetero)arylcarboxylic acid-deriv. herbicides with increased species selectivity)

RN 159559-10-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester, (R\*,R\*)- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.





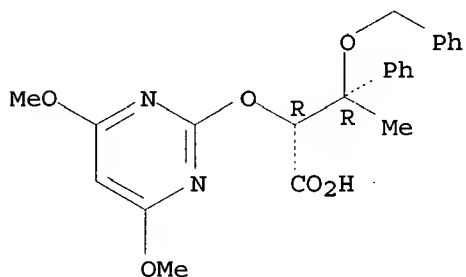
IT 159559-11-2P 159559-12-3P 159559-13-4P  
 159559-14-5P 159559-15-6P 159559-16-7P  
 159559-17-8P 159559-23-6P 159559-24-7P  
 159559-25-8P 159559-26-9P 159559-27-0P  
 159559-28-1P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of 3-(hetero)arylcarboxylic acid-deriv. herbicides with  
 increased species selectivity)

RN 159559-11-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-methyl-.beta.-(phenylmethoxy)-, (R\*,R\*)- (9CI) (CA INDEX  
 NAME)

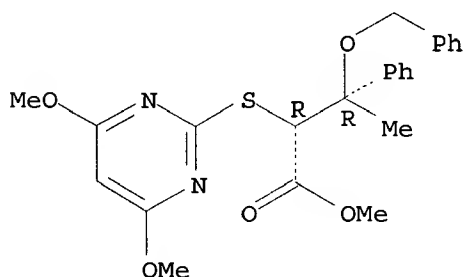
Relative stereochemistry.



RN 159559-12-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
 .beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester, (R\*,R\*)- (9CI)  
 (CA INDEX NAME)

Relative stereochemistry.

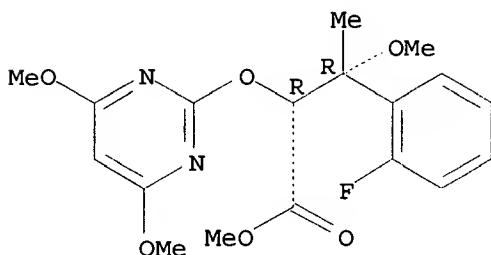


RN 159559-13-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-

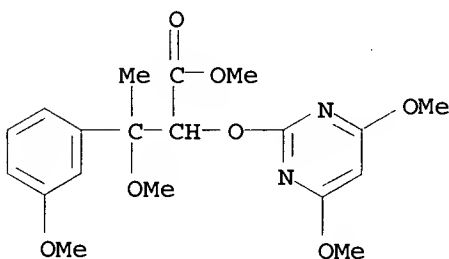
fluoro-.beta.-methoxy-.beta.-methyl-, methyl ester, (R\*,R\*)- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



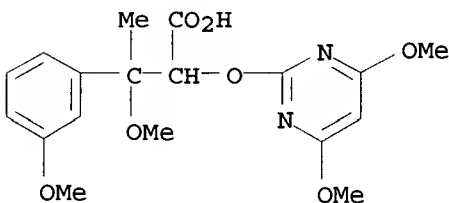
RN 159559-14-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethoxy-.beta.-methyl-, methyl ester (9CI) (CA INDEX  
NAME)



RN 159559-15-6 CAPLUS

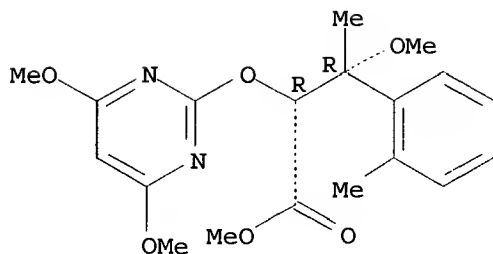
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,3-dimethoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



RN 159559-16-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,2-dimethyl-, methyl ester, (R\*,R\*)- (9CI) (CA  
INDEX NAME)

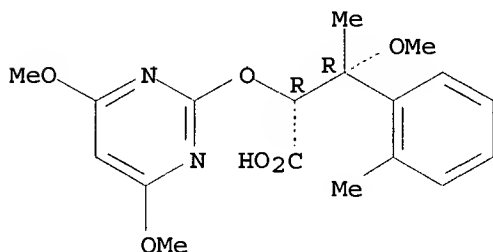
Relative stereochemistry.



RN 159559-17-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,2-dimethyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

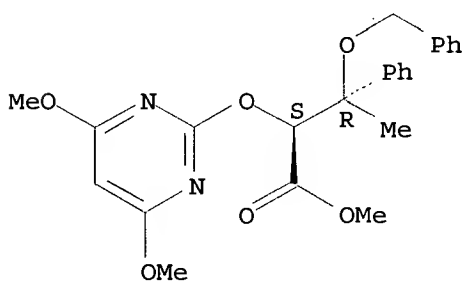
Relative stereochemistry.



RN 159559-23-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester, (R\*,S\*)- (9CI)  
(CA INDEX NAME)

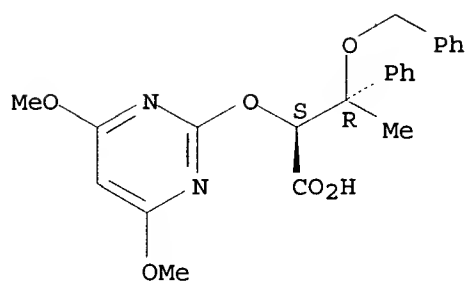
Relative stereochemistry.



RN 159559-24-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(phenylmethoxy)-, (R\*,S\*)- (9CI) (CA INDEX  
NAME)

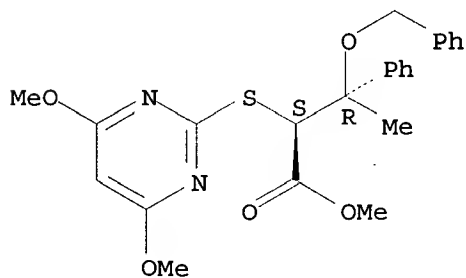
Relative stereochemistry.



RN 159559-25-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
.beta.-methyl-.beta.-(phenylmethoxy)-, methyl ester, (R\*,S\*)- (9CI)  
(CA INDEX NAME)

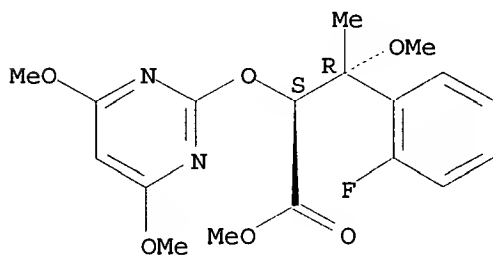
Relative stereochemistry.



RN 159559-26-9 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-2-  
fluoro-.beta.-methoxy-.beta.-methyl-, methyl ester, (R\*,S\*)- (9CI)  
(CA INDEX NAME)

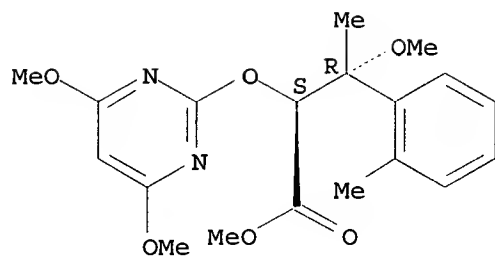
Relative stereochemistry.



RN 159559-27-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,2-dimethyl-, methyl ester, (R\*,S\*)- (9CI) (CA  
INDEX NAME)

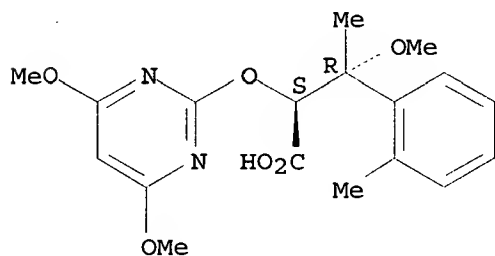
Relative stereochemistry.



RN 159559-28-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methoxy-.beta.,2-dimethyl-, (R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



=> d bib abs hitstr l25 12

L25 ANSWER 12 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1995:172442 CAPLUS

DN 122:81318

TI Synthesis and second-harmonic generation properties of  
2-(4-nitroanilino)-1,3,5-triazine derivatives

AU Yonehara, Hisatomo; Kang, Wen-Bing; Kawara, Tatsuo; Pac, Chyongjin

CS Kawamura Institute of Chemical Research, Chiba, 285, Japan

SO J. Mater. Chem. (1994), 4(10), 1571-7

CODEN: JMACEP; ISSN: 0959-9428

DT Journal

LA English

OS CJRSC

AB The synthesis and non-linear optical properties of a series of 2-(4-nitroanilino)-1,3,5-triazine compds. are described. The triazines show various activities in powder second-harmonic generation (SHG) depending on the structures and have absorption max. at .ltoreq.350 nm, shorter by 30-50 nm than those of the parent nitroanilines. 2-(4-Nitroanilino)-4,6-diphenyl-1,3,5-triazine affords different cryst. materials depending on the recrystn. solvent. A crystal formed by recrystn. from toluene reveals a high powder SHG activity comparable with that of 2-methyl-4-nitroaniline, while recrystn. from N,N-dimethylformamide gives an SHG-inactive crystal in which solvent mols. are incorporated in a 1:1 ratio by hydrogen bonding. The crystal structure of the latter was detd.

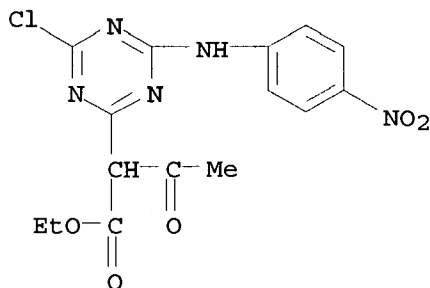
IT 160414-55-1P

RL: PRP (Properties); SPN (Synthetic preparation); PREP  
(Preparation)

(synthesis and second-harmonic generation properties of  
(nitroanilino)triazines)

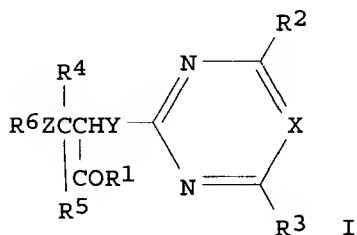
RN 160414-55-1 CAPLUS

CN 1,3,5-Triazine-2-acetic acid, .alpha.-acetyl-4-chloro-6-[(4-nitrophenyl)amino]-, ethyl ester (9CI) (CA INDEX NAME)



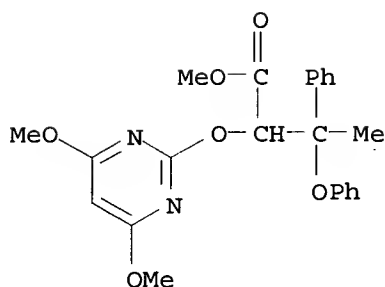
=> d bib abs hitstr 125 13

L25 ANSWER 13 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1994:700921 CAPLUS  
DN 121:300921  
TI Preparation of 3-(hetero)aryloxy(thio)carboxylic acid derivatives as  
agrochemical herbicides  
IN Baumann, Ernst; Rheinheimer, Joachim; Vogelbacher, Uwe Josef; Bratz,  
Matthias; Meyer, Norbert; Gerber, Matthias; Walter, Helmut;  
Rademacher, Wilhelm; Westphalen, Karl Otto  
PA BASF A.-G., Germany  
SO Ger. Offen., 26 pp.  
CODEN: GWXXBX  
PI DE 4313413 A1 941027  
AI DE 93-4313413 930423  
DT Patent  
LA German  
OS MARPAT 121:300921  
GI



AB The title compds. [I; R1 = H, succinimidyloxy residue, (un)substituted N-contg. 5-membered heterocyclic residue, etc.; R2, R3 = halogen, alkyl, alkoxy, thioalkyl, etc.; R4 = C1-10 alkyl contg. 1-5 halogen atom(s), (un)substituted heterocyclyl residue, (un)substituted Ph or naphthyl, etc.; R5 = H, alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R6 = (un)substituted Ph or naphthyl, (un)substituted heteroaryl, etc.; X = undefined (sic); Y = direct bond, O, S; Z = S, O] (e.g., R1-R3 = OMe, R4 = R6 = Ph, R5 = Me, X = CH, Y = Z = O; m.p. 100-103.degree.), useful as agrochem. herbicides for the control of unwanted plants in crop fields, are prepd. and a I-contg. formulation presented.

IT 159308-02-8P  
RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of 3-(hetero)aryloxy(thio)carboxylic acid derivs. as agrochem. herbicides)  
RN 159308-02-8 CAPLUS  
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)

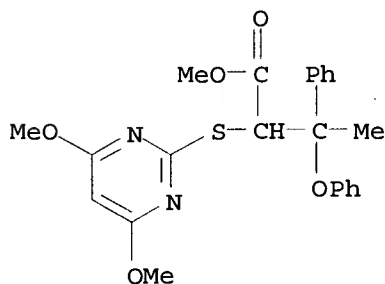


IT 159308-04-0P 159308-05-1P 159308-07-3P  
 159308-09-5P 159308-10-8P 159308-11-9P  
 159308-12-0P 159308-13-1P 159308-15-3P  
 159308-16-4P 159308-18-6P 159308-19-7P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of 3-(hetero)aryloxy(thio)carboxylic acid derivs. as  
 agrochem. herbicides)

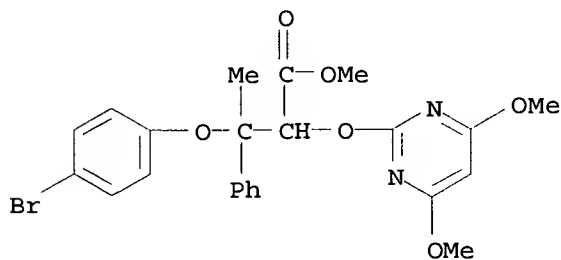
RN 159308-04-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)thio]-  
 .beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 159308-05-1 CAPLUS

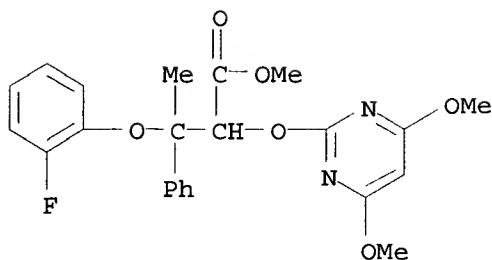
CN Benzenepropanoic acid, .beta.-(4-bromophenoxy)-.alpha.-[(4,6-  
 dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
 INDEX NAME)



RN 159308-07-3 CAPLUS

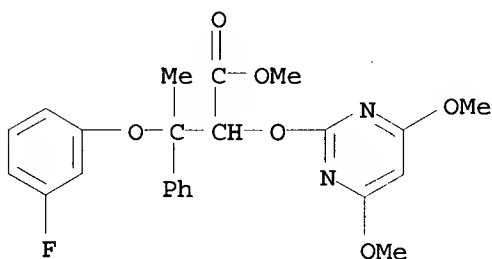
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-(2-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
 INDEX NAME)





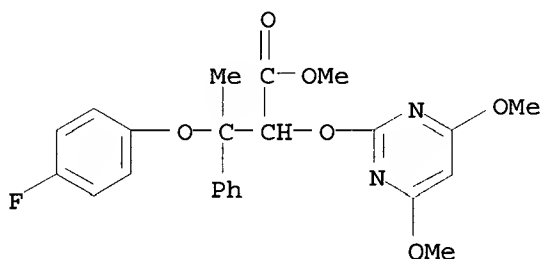
RN 159308-09-5 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-(3-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
 INDEX NAME)



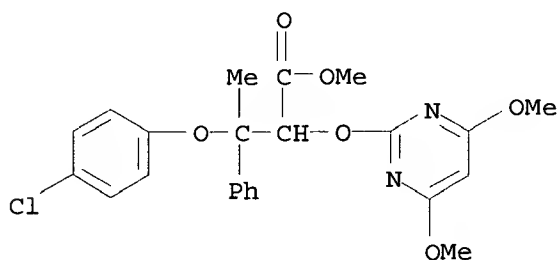
RN 159308-10-8 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
 .beta.-(4-fluorophenoxy)-.beta.-methyl-, methyl ester (9CI) (CA  
 INDEX NAME)



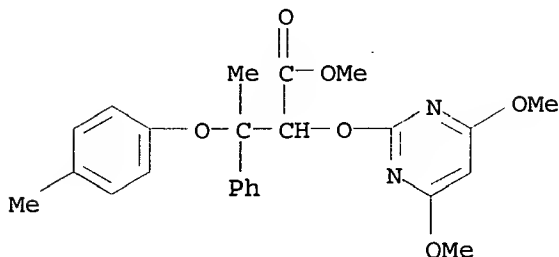
RN 159308-11-9 CAPLUS

CN Benzenepropanoic acid, .beta.-(4-chlorophenoxy)-.alpha.-[(4,6-  
 dimethoxy-2-pyrimidinyl)oxy]-.beta.-methyl-, methyl ester (9CI) (CA  
 INDEX NAME)



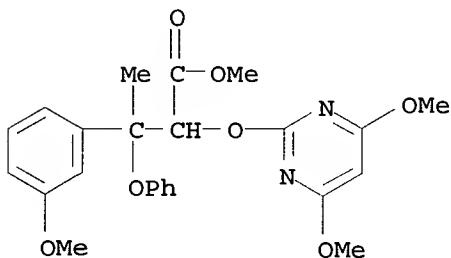
RN 159308-12-0 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(4-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



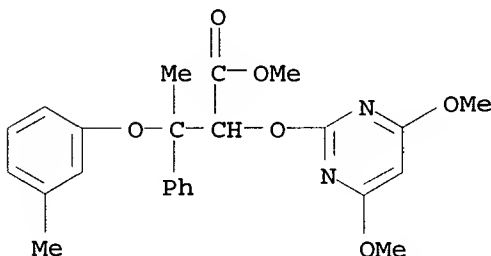
RN 159308-13-1 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-  
methoxy-.beta.-methyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



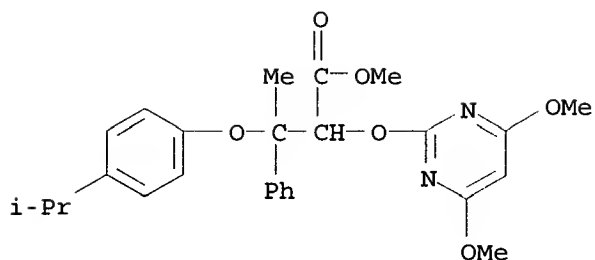
RN 159308-15-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(3-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



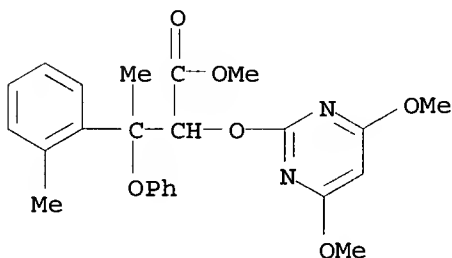
RN 159308-16-4 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-[4-(1-methylethyl)phenoxy]-, methyl ester (9CI)  
(CA INDEX NAME)



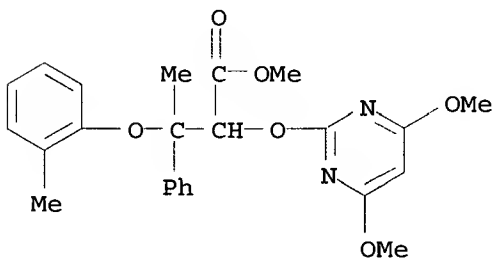
RN 159308-18-6 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.,2-dimethyl-.beta.-phenoxy-, methyl ester (9CI) (CA INDEX  
NAME)



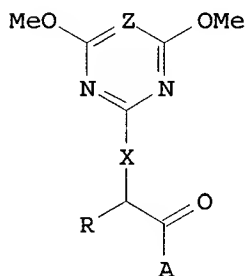
RN 159308-19-7 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-methyl-.beta.-(2-methylphenoxy)-, methyl ester (9CI) (CA  
INDEX NAME)



=> d bib abs hitstr 125 14

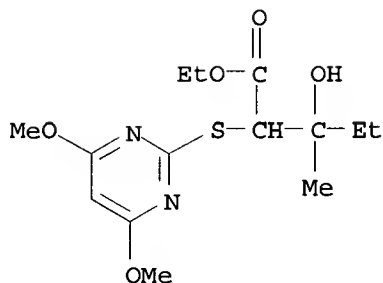
L25 ANSWER 14 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1994:508843 CAPLUS  
DN 121:108843  
TI Pyrimidinyl- and triazinyl compounds with herbicidal activity  
IN Luethy, Christoph  
PA Ciba-Geigy A.-G., Switz.  
SO PCT Int. Appl., 55 pp.  
CODEN: PIXXD2  
PI WO 9325540 A1 931223  
DS W: AU, BB, BG, BR, BY, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, MG, MN,  
MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, VN  
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,  
IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG  
AI WO 93-EP1393 930603  
PRAI CH 92-1907 920617  
DT Patent  
LA English  
OS MARPAT 121:108843  
GI



AB Herbicidal title compds. I (Z = CH, N; X = O, S; R = alkyl, alkenyl; A = [Gly]-O-t-Bu, [Val]-OH, heterocyclyl, substituted-hydrazinyl, etc.) and their salts were prepd. and are suitable as active ingredients in weed control compns. Thus, I (Z = CH, X = S, R = Me<sub>2</sub>CH, A = o-tolylhydrazinyl) (II) was prepd. by treating 2-[(4,6-dimethoxypyrimidin-2-yl)thio]-3-methylbutyric acid with o-tolylhydrazide. II at 2 kg/ha caused total damage to postemergent Sinapis and Stellaria.

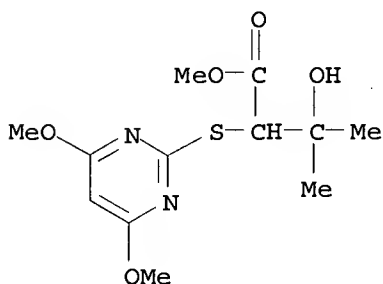
IT 147112-72-9P 156682-02-9P 156682-04-1P  
156682-05-2P 156682-06-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and reaction of, in prepn. of pyrimidinyl- and triazinyl compds. as herbicides)

RN 147112-72-9 CAPLUS  
CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-hydroxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



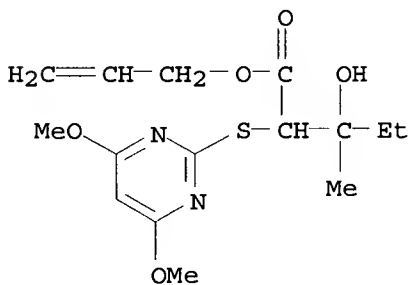
RN 156682-02-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-hydroxy-3-methyl-, methyl ester (9CI) (CA INDEX NAME)



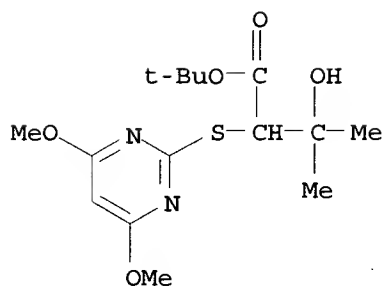
RN 156682-04-1 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-hydroxy-3-methyl-, 2-propenyl ester (9CI) (CA INDEX NAME)



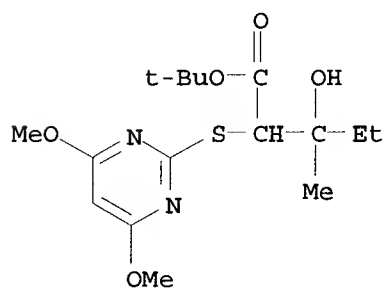
RN 156682-05-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-hydroxy-3-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



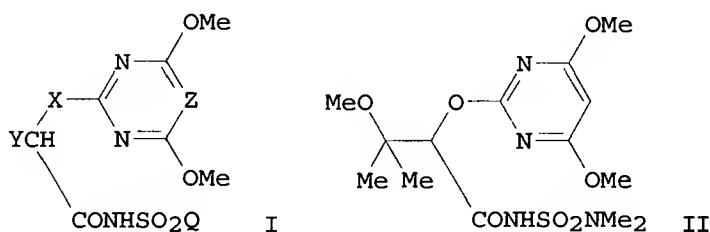
RN 156682-06-3 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-hydroxy-3-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 15

L25 ANSWER 15 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1994:483357 CAPLUS  
 DN 121:83357  
 TI Triazene- or pyrimidine-containing ~~sulfonamide herbicides~~  
 IN Abe, Takaaki; Akiyoshi, Yuji; Shiraishi, Hiroshi; Shiraishi, Ikuo;  
 Kojima, Mikio; Hayama, Takashi; Kuwata, Takaaki  
 PA Ube Industries, Ltd., Japan  
 SO Eur. Pat. Appl., 35 pp.  
 CODEN: EPXXDW  
 PI EP 567014 A1 931027  
 DS R: DE, FR, GB  
 AI EP 93-106232 930416  
 PRAI JP 92-140865 920417  
 JP 92-149795 920417  
 JP 92-208377 920626  
 JP 92-210603 920630  
 JP 93-52292 930312  
 DT Patent  
 LA English  
 OS MARPAT 121:83357  
 GI



AB The title herbicides I [Q = (un)substituted pyridyl, NR<sub>2</sub>R<sub>3</sub>; R<sub>2</sub> = H, lower alkyl, lower alkoxy; R<sub>3</sub> = lower alkyl, lower alkenyl, lower alkynyl, PhCH<sub>2</sub>, Ph; X = O, S; Y = lower alkyl, CMe<sub>2</sub>OR<sub>1</sub>; R<sub>1</sub> = lower alkyl, lower alkenyl, lower alkynyl, etc.; Z = N, CH], useful as herbicides against weeds and undesirable plants and which demonstrate selective herbicidal activity toward desired crops (e.g., cotton and soybean), are prepd. Thus, N,N-dimethylaminosulfonamide was condensed with 2-(4,6-dimethoxypyrimidin-2-yl)oxy-3-methoxy-3-methylbutanoic acid, producing pyrimidine II in 75% yield. II demonstrated herbicidal activity against a wide variety of weeds and undesired crops with no obsd. herbicidal effect against cotton and little herbicidal effect against soybean.

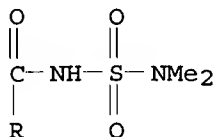
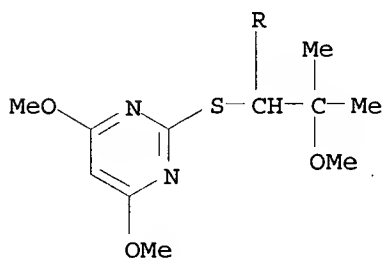
IT 153344-83-3P 153344-85-5P 153344-87-7P  
 153344-88-8P 153344-89-9P 153344-91-3P  
 153344-92-4P 153344-93-5P 153344-94-6P  
 153344-95-7P 153344-96-8P 153344-97-9P  
 153344-98-0P 153344-99-1P 153345-00-7P  
 153345-01-8P 153345-02-9P 153345-03-0P  
 153345-04-1P 153345-05-2P 153345-06-3P  
 153345-07-4P 153345-08-5P 153345-09-6P  
 153345-10-9P 153345-11-0P 153345-12-1P

153345-13-2P 153345-14-3P 153345-15-4P  
 153345-16-5P 153345-17-6P 153345-18-7P  
 153345-19-8P 153345-20-1P 153345-21-2P  
 153345-22-3P 153345-23-4P 153345-24-5P  
 153345-25-6P 153345-26-7P 153345-27-8P  
 153345-28-9P 153345-29-0P 153345-30-3P  
 153345-31-4P 153345-32-5P 153345-33-6P  
 153345-34-7P 153345-35-8P 153345-36-9P  
 153345-37-0P 153345-38-1P 153345-39-2P  
 153345-40-5P 153345-41-6P 153345-42-7P  
 153345-43-8P 153345-44-9P 153345-45-0P  
 153345-46-1P 153345-47-2P 153345-48-3P  
 153345-49-4P 153345-50-7P 153345-51-8P  
 153345-52-9P 153345-53-0P 153345-54-1P  
 153345-55-2P 153345-56-3P 153345-57-4P  
 153345-58-5P 153345-59-6P 153345-60-9P  
 153345-61-0P 153345-62-1P 153345-63-2P  
 153345-64-3P 153345-65-4P 153367-45-4P  
 153367-46-5P 153367-47-6P 153367-48-7P  
 153367-49-8P

RL: BAC (Biological activity or effector, except adverse); SPN  
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (prepn. and herbicidal activity of)

RN 153344-83-3 CAPLUS

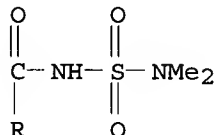
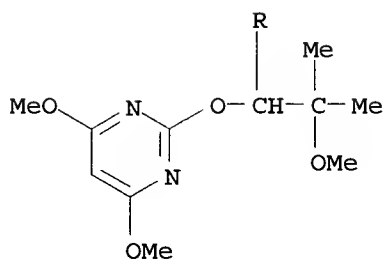
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-N-  
 [(dimethylamino)sulfonyl]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



RN 153344-85-5 CAPLUS

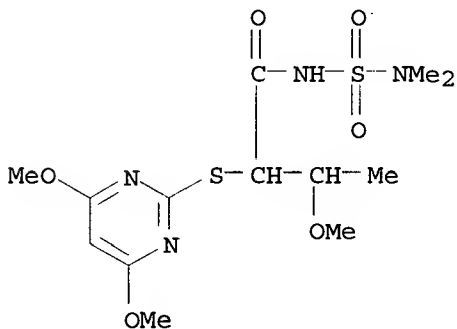
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-  
 [(dimethylamino)sulfonyl]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)





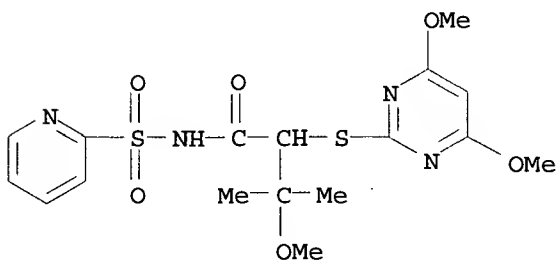
RN 153344-87-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-N-[(dimethylamino)sulfonyl]-3-methoxy- (9CI) (CA INDEX NAME)



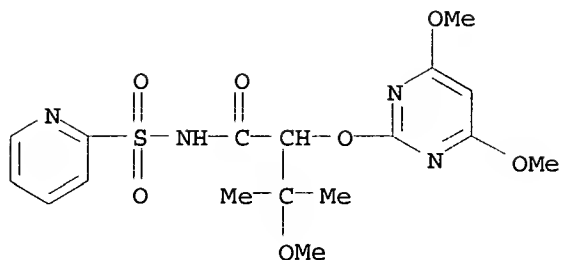
RN 153344-88-8 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



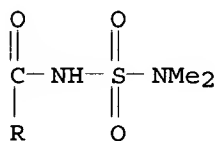
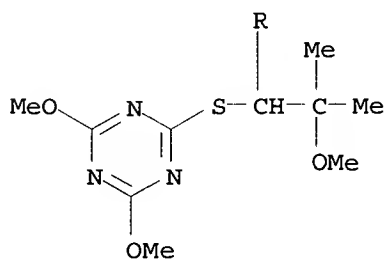
RN 153344-89-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



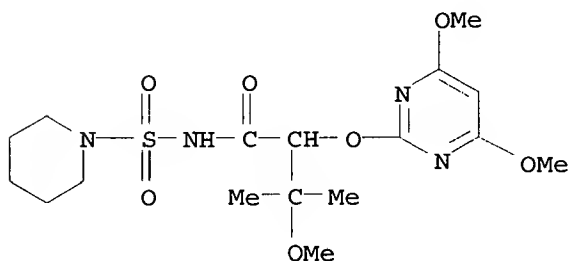
RN 153344-91-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-N-[(dimethylamino)sulfonyl]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



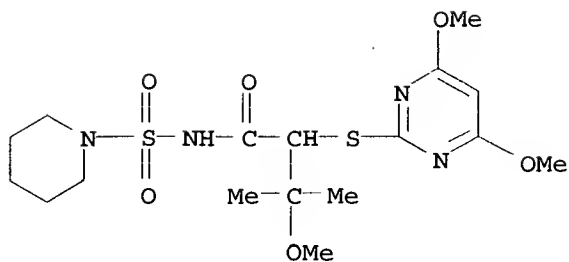
RN 153344-92-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl-N-(1-piperidinylsulfonyl)- (9CI) (CA INDEX NAME)



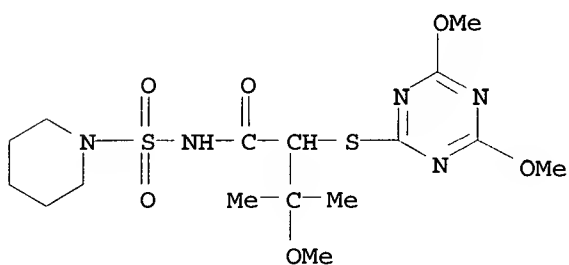
RN 153344-93-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-(1-piperidinylsulfonyl)- (9CI) (CA INDEX NAME)



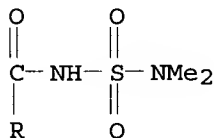
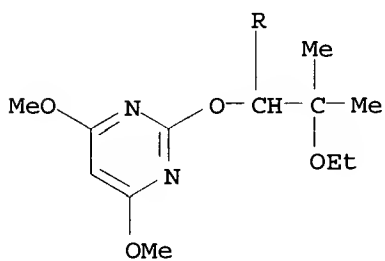
RN 153344-94-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-(1-piperidinylsulfonyl)- (9CI) (CA INDEX NAME)



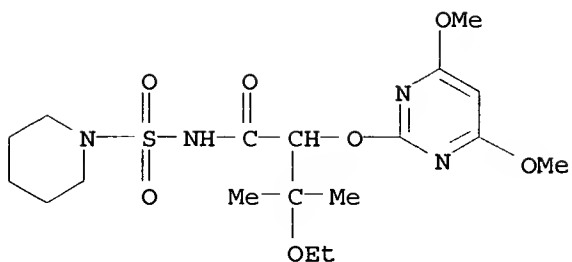
RN 153344-95-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-[(dimethylamino)sulfonyl]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



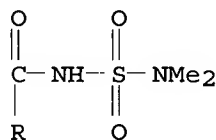
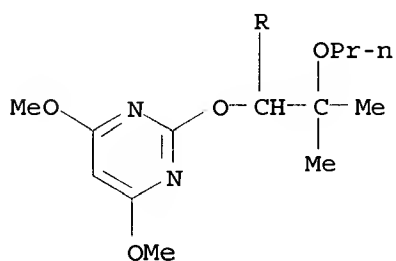
RN 153344-96-8 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-N-(1-piperidinylsulfonyl)- (9CI) (CA INDEX NAME)



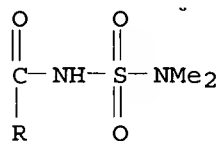
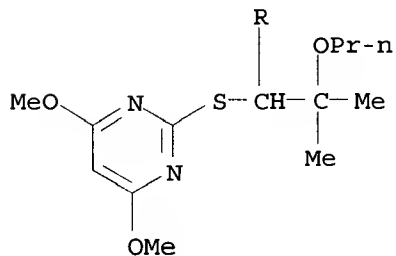
RN 153344-97-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-  
[(dimethylamino)sulfonyl]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



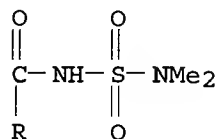
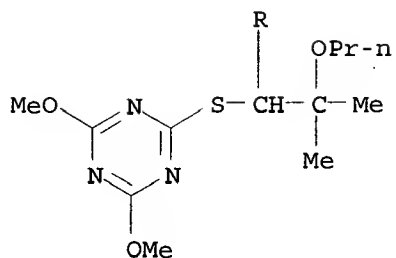
RN 153344-98-0 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-N-  
[(dimethylamino)sulfonyl]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



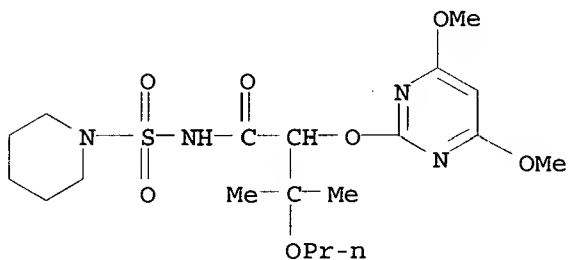
RN 153344-99-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-N-  
[(dimethylamino)sulfonyl]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



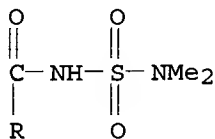
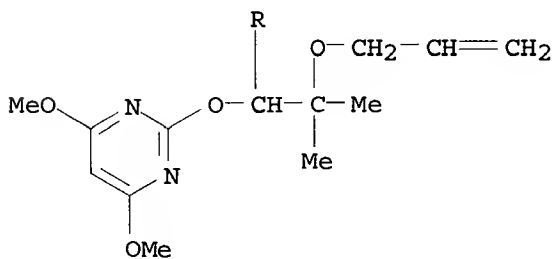
RN 153345-00-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-N-(1-piperidinylsulfonyl)-3-propoxy- (9CI) (CA INDEX NAME)



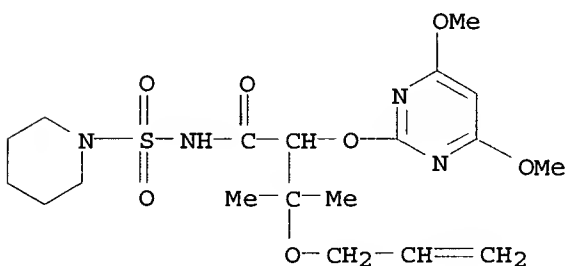
RN 153345-01-8 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-[(dimethylamino)sulfonyl]-3-methyl-3-(2-propenyloxy)- (9CI) (CA INDEX NAME)



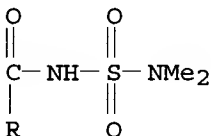
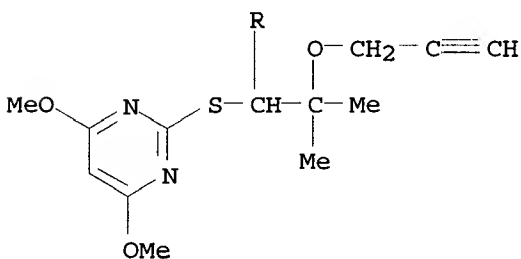
RN 153345-02-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-N-(1-piperidinylsulfonyl)-3-(2-propenyloxy)- (9CI) (CA INDEX NAME)



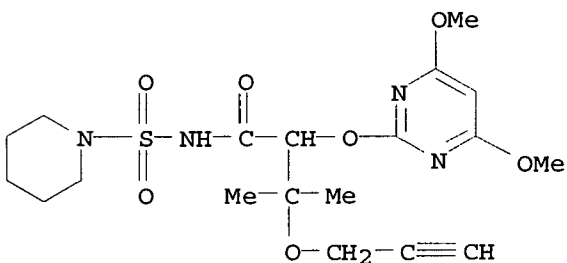
RN 153345-03-0 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-N-[(dimethylamino)sulfonyl]-3-methyl-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



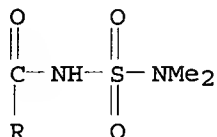
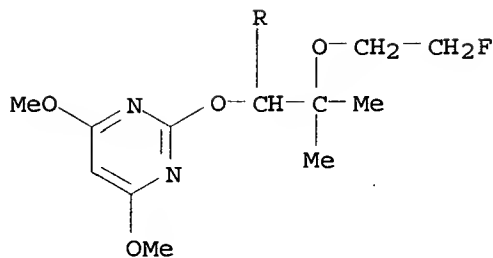
RN 153345-04-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-N-(1-piperidinylsulfonyl)-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



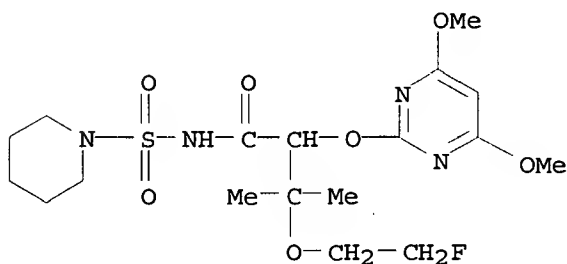
RN 153345-05-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-[(dimethylamino)sulfonyl]-3-(2-fluoroethoxy)-3-methyl- (9CI) (CA INDEX NAME)



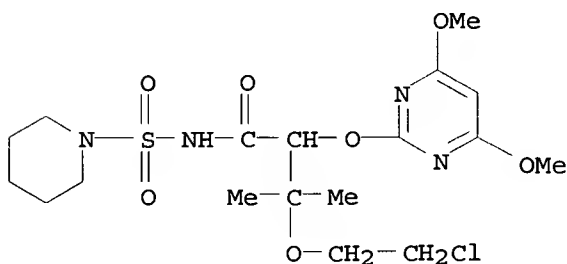
RN 153345-06-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-fluoroethoxy)-3-methyl-N-(1-piperidinylsulfonyl)- (9CI) (CA INDEX NAME)



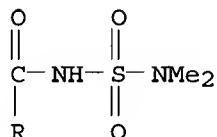
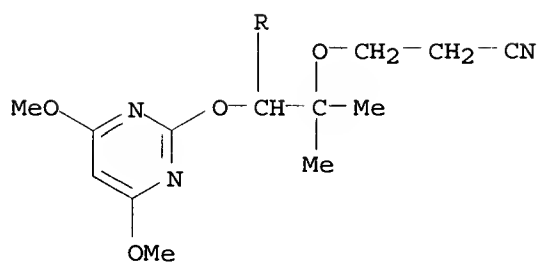
RN 153345-07-4 CAPLUS

CN Butanamide, 3-(2-chloroethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-N-(1-piperidinylsulfonyl)- (9CI) (CA INDEX NAME)



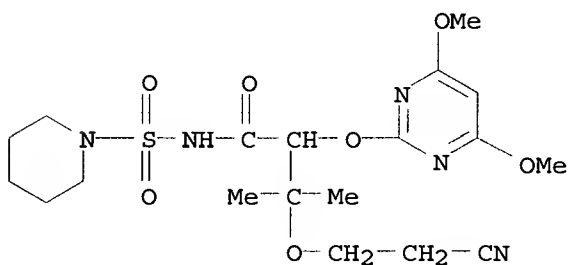
RN 153345-08-5 CAPLUS

CN Butanamide, 3-(2-cyanoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-[(dimethylamino)sulfonyl]-3-methyl- (9CI) (CA INDEX NAME)



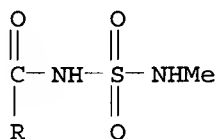
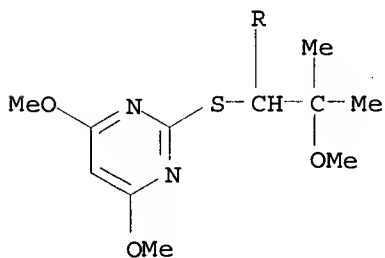
RN 153345-09-6 CAPLUS

CN Butanamide, 3-(2-cyanoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-N-(1-piperidynylsulfonyl)- (9CI) (CA INDEX NAME)



RN 153345-10-9 CAPLUS

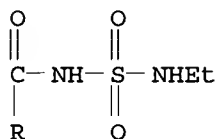
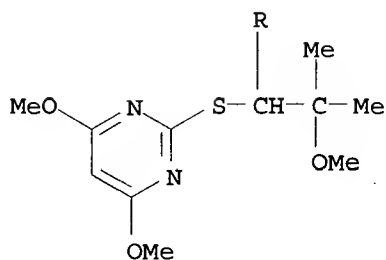
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[(methylamino)sulfonyl]- (9CI) (CA INDEX NAME)



RN 153345-11-0 CAPLUS

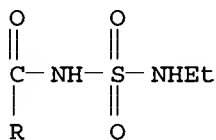
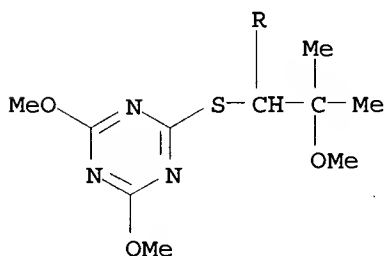
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-N-[(ethylamino)sulfonyl]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)





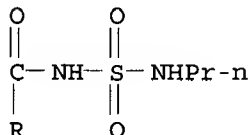
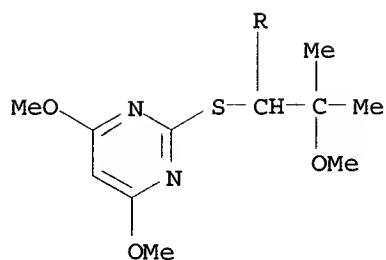
RN 153345-12-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-N-  
[(ethylamino)sulfonyl]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



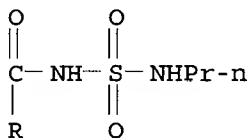
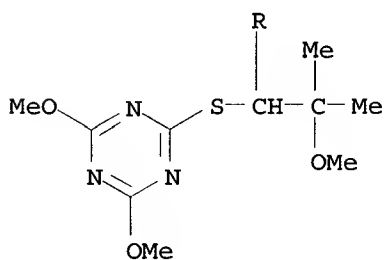
RN 153345-13-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-  
N-[(propylamino)sulfonyl]- (9CI) (CA INDEX NAME)



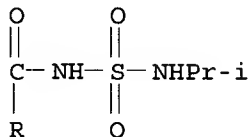
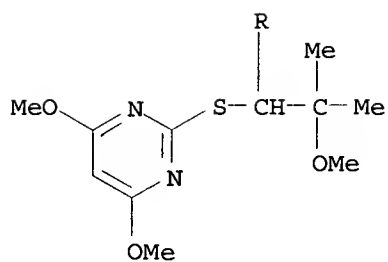
RN 153345-14-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(propylamino)sulfonyl]- (9CI) (CA INDEX NAME)



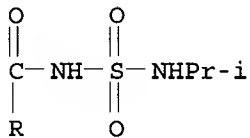
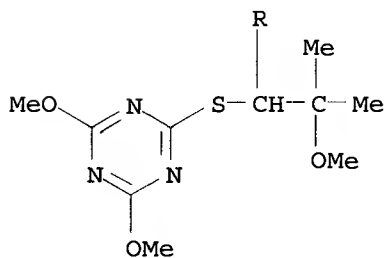
RN 153345-15-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[[1-methylethyl]amino]sulfonyl]- (9CI) (CA INDEX NAME)



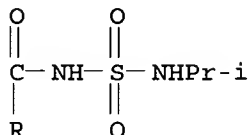
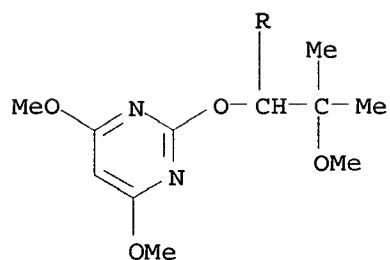
RN 153345-16-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(1-methylethyl)amino]sulfonyl- (9CI) (CA INDEX NAME)



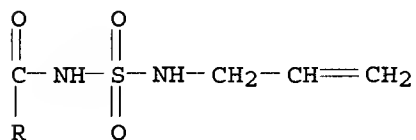
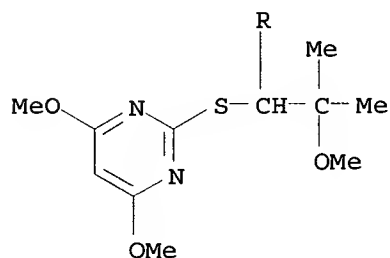
RN 153345-17-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl-N-[(1-methylethyl)amino]sulfonyl- (9CI) (CA INDEX NAME)



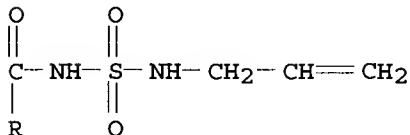
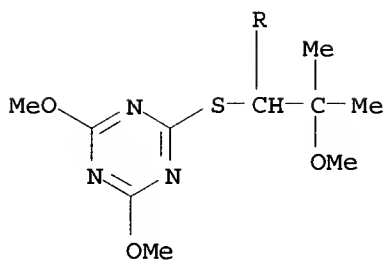
RN 153345-18-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[(2-propenylamino)sulfonyl]- (9CI) (CA INDEX NAME)



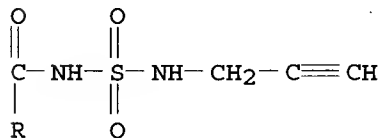
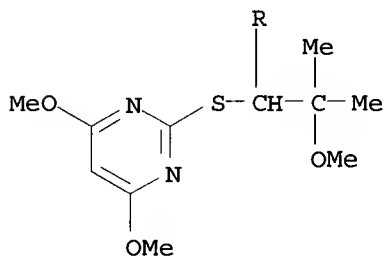
RN 153345-19-8 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(2-propenylamino)sulfonyl]- (9CI) (CA INDEX NAME)



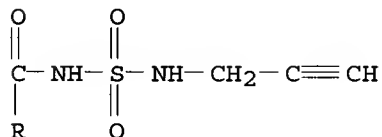
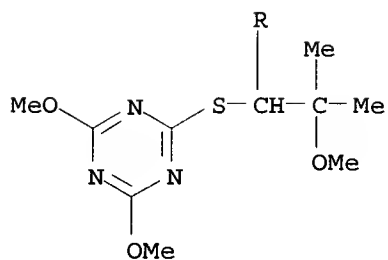
RN 153345-20-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[(2-propynylamino)sulfonyl]- (9CI) (CA INDEX NAME)



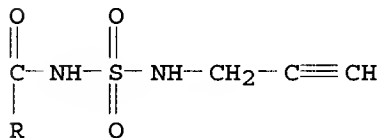
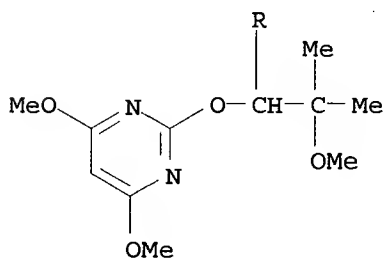
RN 153345-21-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(2-propynylamino)sulfonyl]- (9CI) (CA INDEX NAME)



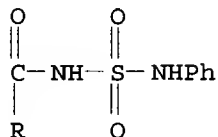
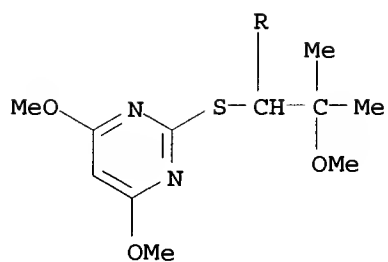
RN 153345-22-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl-N-[(2-propynylamino)sulfonyl]- (9CI) (CA INDEX NAME)



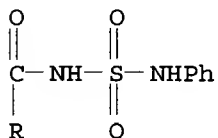
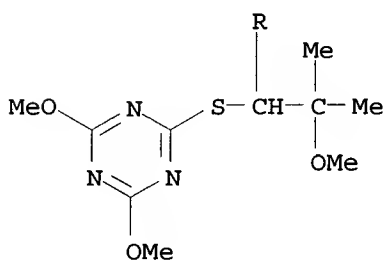
RN 153345-23-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[(phenylamino)sulfonyl]- (9CI) (CA INDEX NAME)



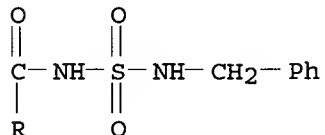
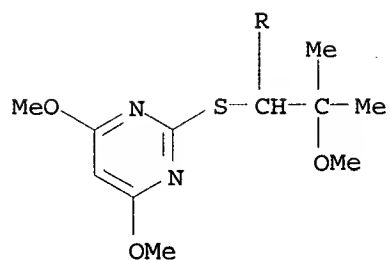
RN 153345-24-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(phenylamino)sulfonyl]- (9CI) (CA INDEX NAME)



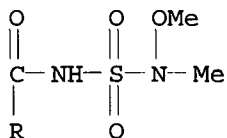
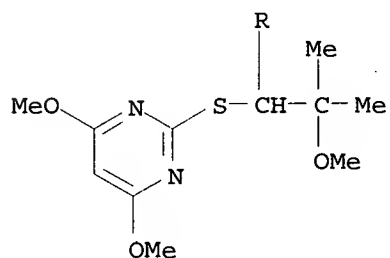
RN 153345-25-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[(phenylmethylamino)sulfonyl]- (9CI) (CA INDEX NAME)



RN 153345-26-7 CAPLUS

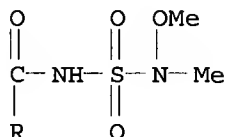
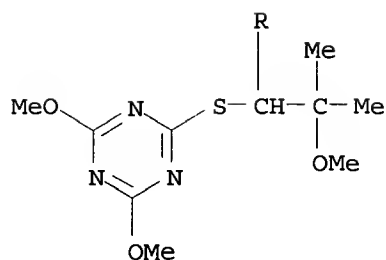
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-N-[(methoxymethylamino)sulfonyl]-3-methyl- (9CI) (CA INDEX NAME)



RN 153345-27-8 CAPLUS

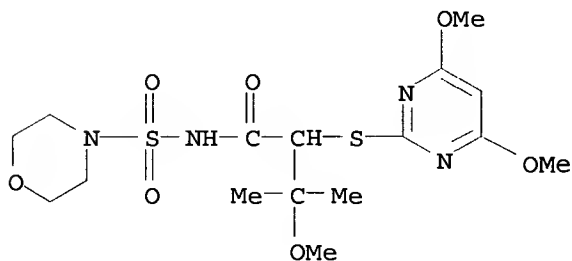
CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-N-[(methoxymethylamino)sulfonyl]-3-methyl- (9CI) (CA INDEX NAME)





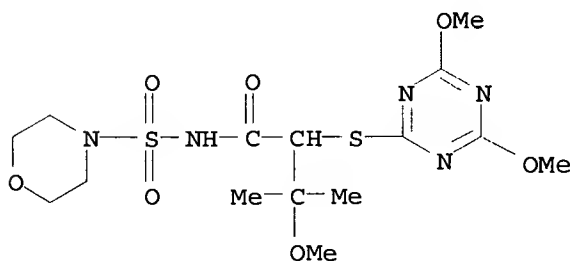
RN 153345-28-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-(4-morpholinylsulfonyl)- (9CI) (CA INDEX NAME)



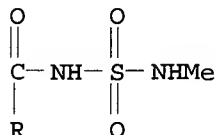
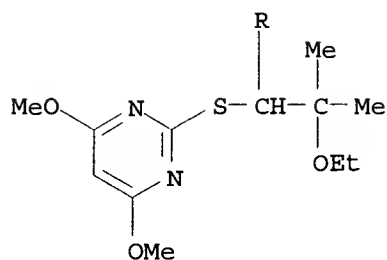
RN 153345-29-0 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-(4-morpholinylsulfonyl)- (9CI) (CA INDEX NAME)



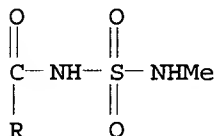
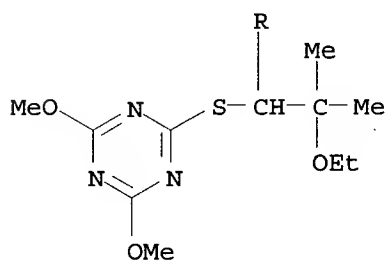
RN 153345-30-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-3-methyl-N-[(methylamino)sulfonyl]- (9CI) (CA INDEX NAME)



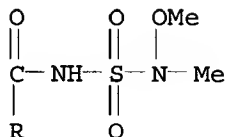
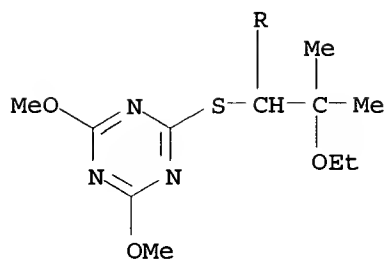
RN 153345-31-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-ethoxy-3-methyl-N-[(methylamino)sulfonyl]- (9CI) (CA INDEX NAME)



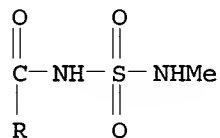
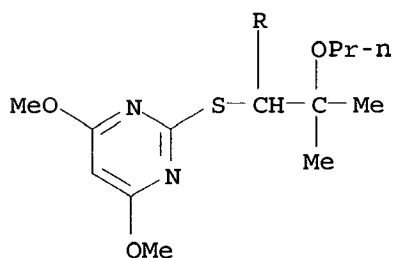
RN 153345-32-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-ethoxy-N-[(methoxymethylamino)sulfonyl]-3-methyl- (9CI) (CA INDEX NAME)



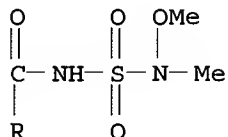
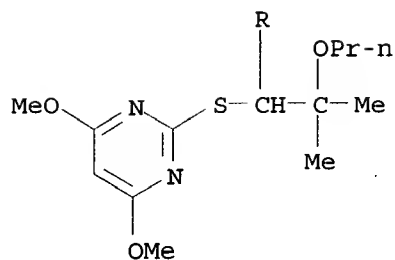
RN 153345-33-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-N-[(methylamino)sulfonyl]-3-propoxy- (9CI) (CA INDEX NAME)



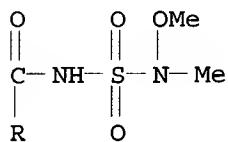
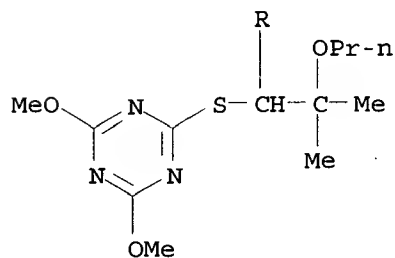
RN 153345-34-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-N-[(methoxymethylamino)sulfonyl]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



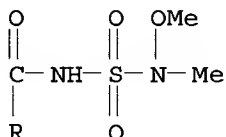
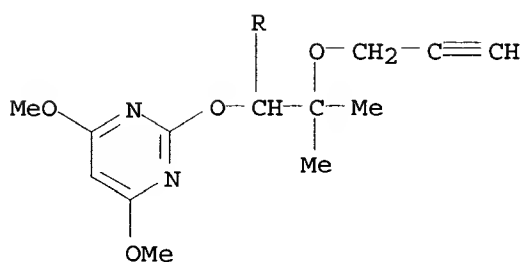
RN 153345-35-8 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-N-[(methoxymethylamino)sulfonyl]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



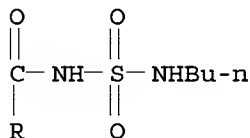
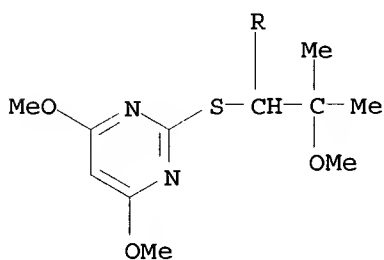
RN 153345-36-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-N-[(methoxymethylamino)sulfonyl]-3-methyl-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



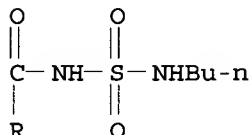
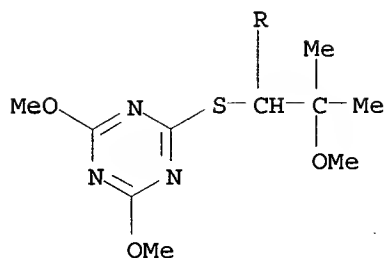
RN 153345-37-0 CAPLUS

CN Butanamide, N-[(butylamino)sulfonyl]-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



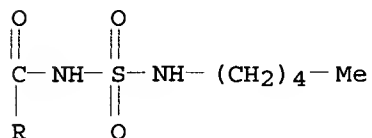
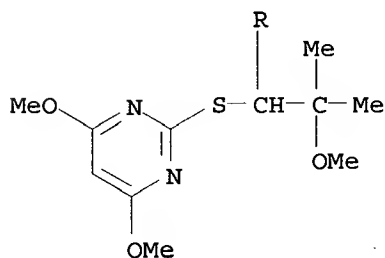
RN 153345-38-1 CAPLUS

CN Butanamide, N-[(butylamino)sulfonyl]-2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



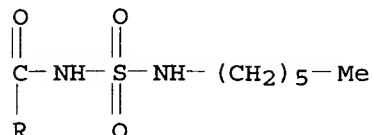
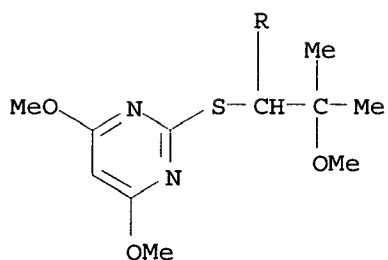
RN 153345-39-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[(pentylamino)sulfonyl]- (9CI) (CA INDEX NAME)



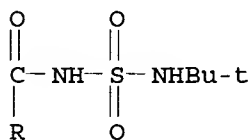
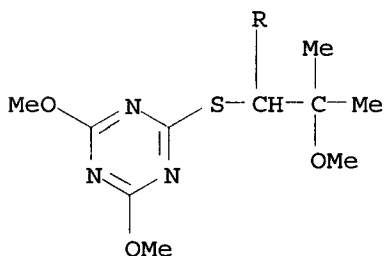
RN 153345-40-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-N-[(hexylamino)sulfonyl]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



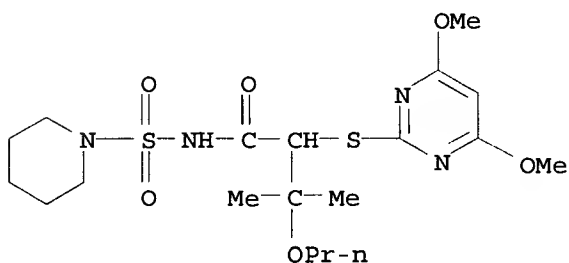
RN 153345-41-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-N-[[[(1,1-dimethylethyl)amino]sulfonyl]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



RN 153345-42-7 CAPLUS

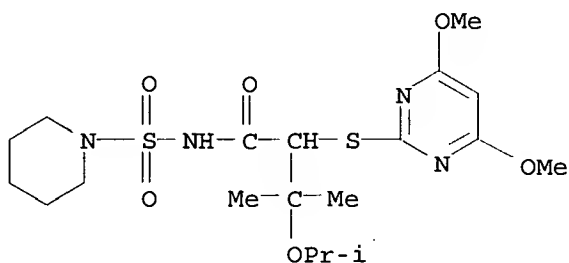
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-N-(1-piperidinylsulfonyl)-3-propoxy- (9CI) (CA INDEX NAME)



RN 153345-43-8 CAPLUS

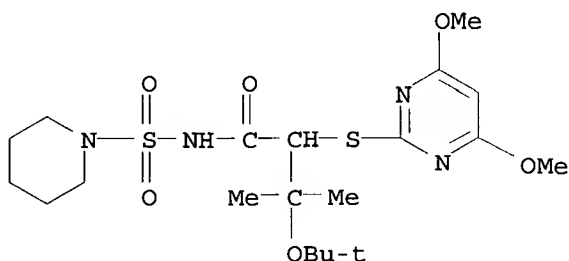
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-(1-

methylethoxy)-N-(1-piperidinylsulfonyl)-(9CI) (CA INDEX NAME)



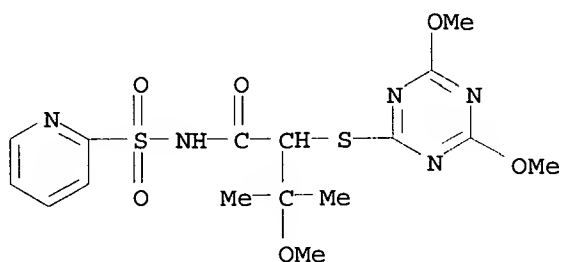
RN 153345-44-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-(1,1-dimethylethoxy)-3-methyl-N-(1-piperidinylsulfonyl)-(9CI) (CA INDEX NAME)



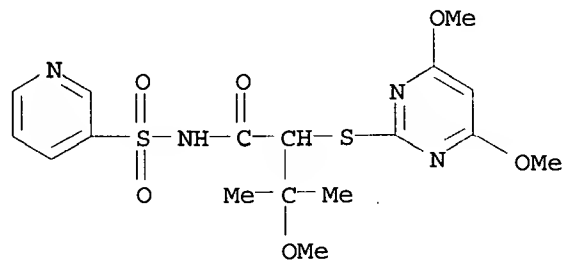
RN 153345-45-0 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-(2-pyridinylsulfonyl)-(9CI) (CA INDEX NAME)



RN 153345-46-1 CAPLUS

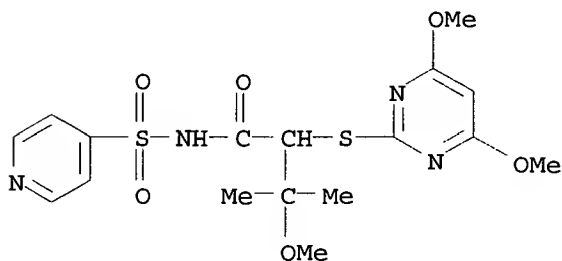
CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-(3-pyridinylsulfonyl)-(9CI) (CA INDEX NAME)





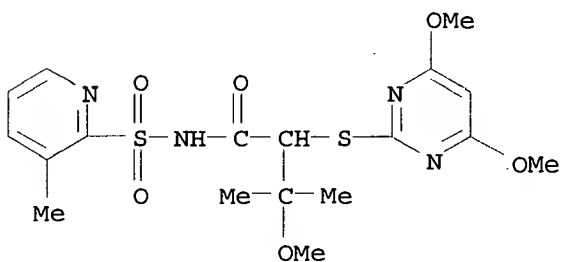
RN 153345-47-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-(4-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



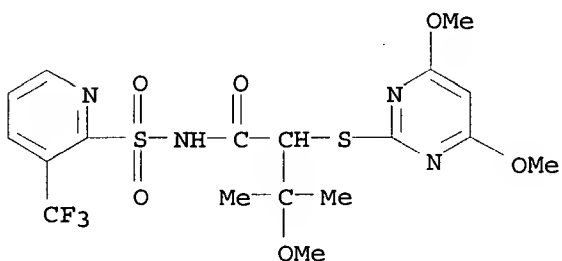
RN 153345-48-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[(3-methyl-2-pyridinyl)sulfonyl]- (9CI) (CA INDEX NAME)



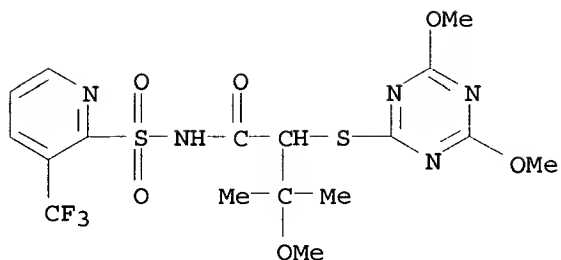
RN 153345-49-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[[3-(trifluoromethyl)-2-pyridinyl]sulfonyl]- (9CI) (CA INDEX NAME)



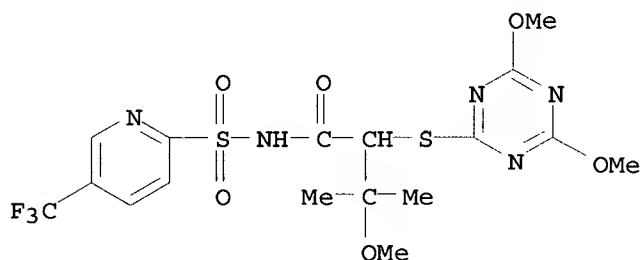
RN 153345-50-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[[3-(trifluoromethyl)-2-pyridinyl]sulfonyl]- (9CI) (CA INDEX NAME)



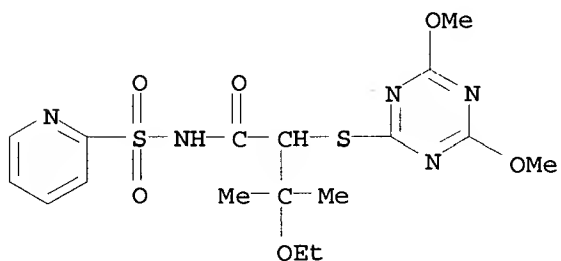
RN 153345-51-8 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[[5-(trifluoromethyl)-2-pyridinyl]sulfonyl]- (9CI) (CA INDEX NAME)



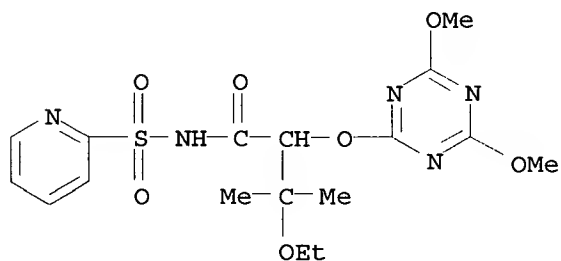
RN 153345-52-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-ethoxy-3-methyl-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



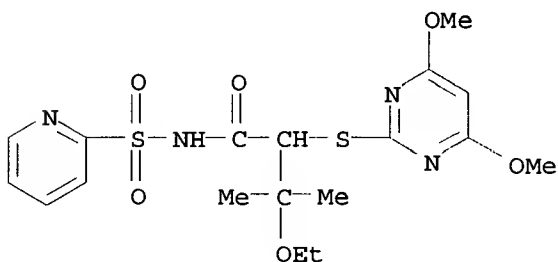
RN 153345-53-0 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)oxy]-3-ethoxy-3-methyl-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



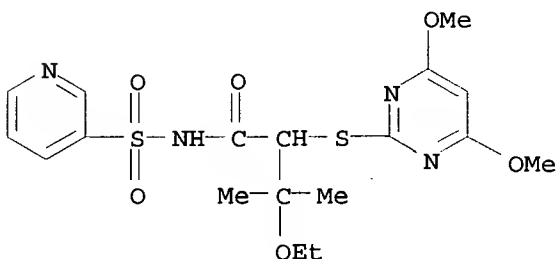
RN 153345-54-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-3-methyl-  
N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



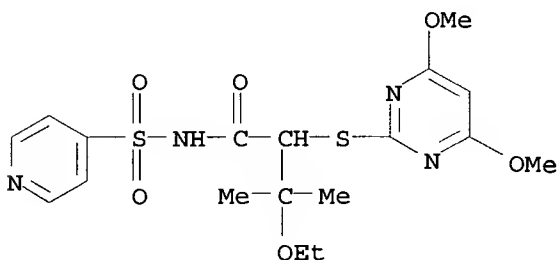
RN 153345-55-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-3-methyl-  
N-(3-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



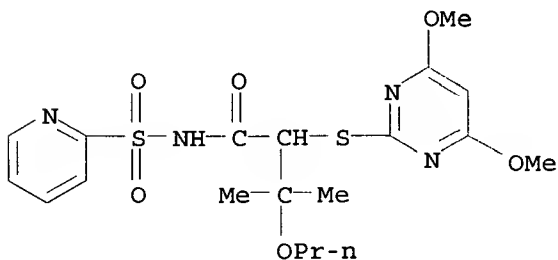
RN 153345-56-3 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-3-methyl-  
N-(4-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



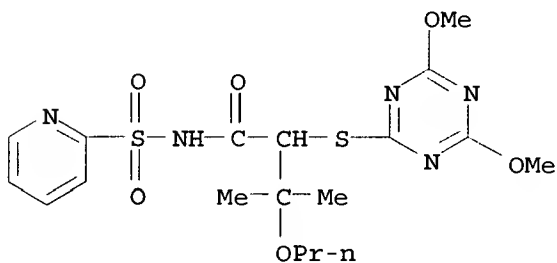
RN 153345-57-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-propoxy-  
N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



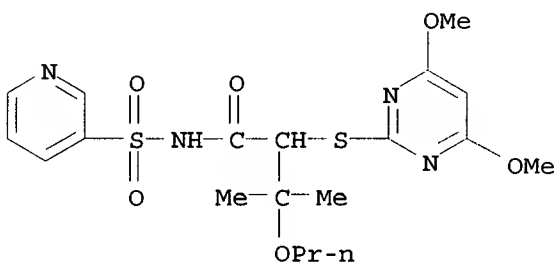
RN 153345-58-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methyl-3-propoxy-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



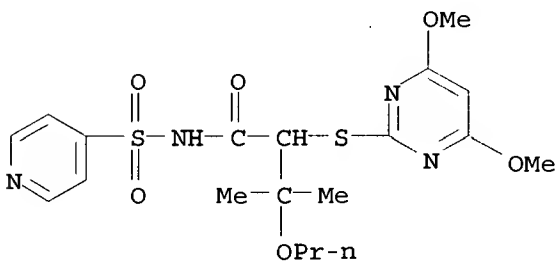
RN 153345-59-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-propoxy-N-(3-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



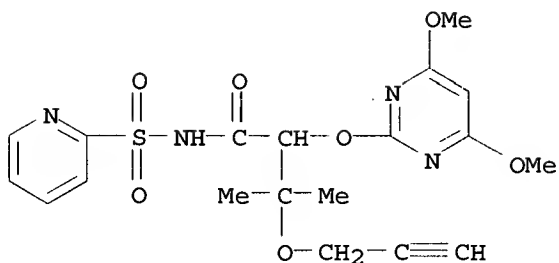
RN 153345-60-9 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-propoxy-N-(4-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



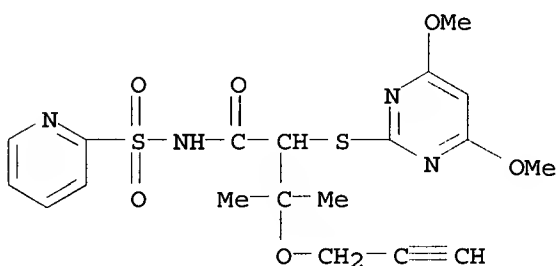
RN 153345-61-0 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-propynyloxy)-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



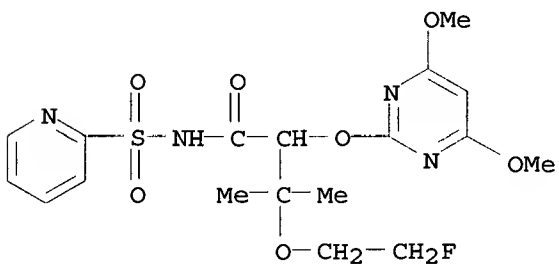
RN 153345-62-1 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-(2-propynyloxy)-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



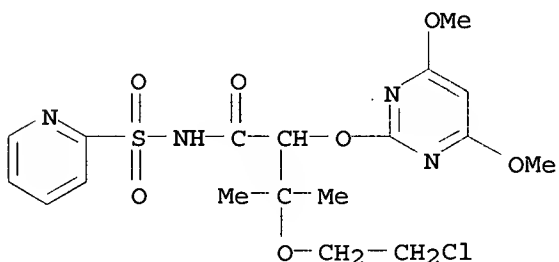
RN 153345-63-2 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-fluoroethoxy)-3-methyl-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



RN 153345-64-3 CAPLUS

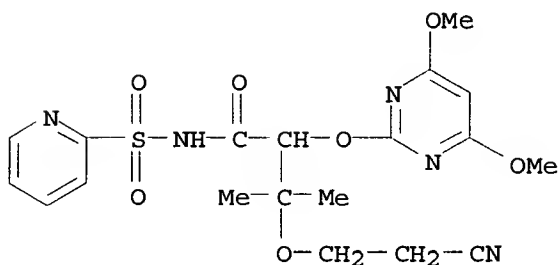
CN Butanamide, 3-(2-chloroethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



RN 153345-65-4 CAPLUS

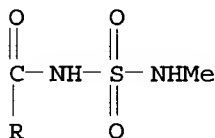
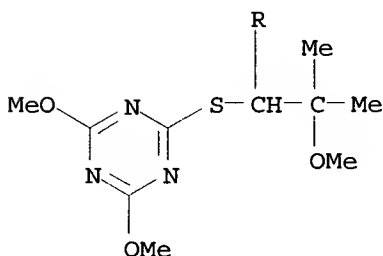
CN Butanamide, 3-(2-cyanoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-

methyl-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



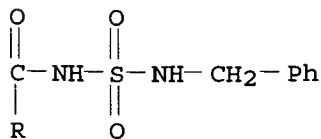
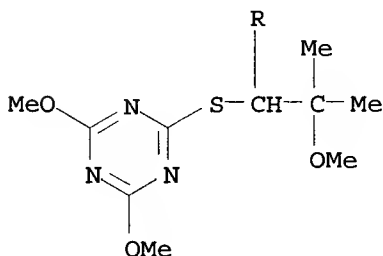
RN 153367-45-4 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(methylamino)sulfonyl]- (9CI) (CA INDEX NAME)



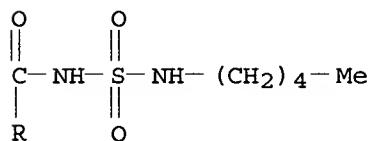
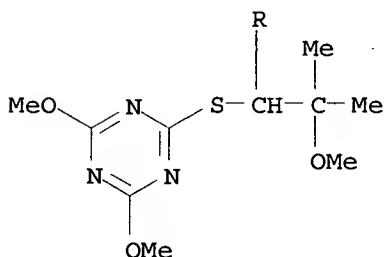
RN 153367-46-5 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(phenylmethyl)amino]sulfonyl]- (9CI) (CA INDEX NAME)



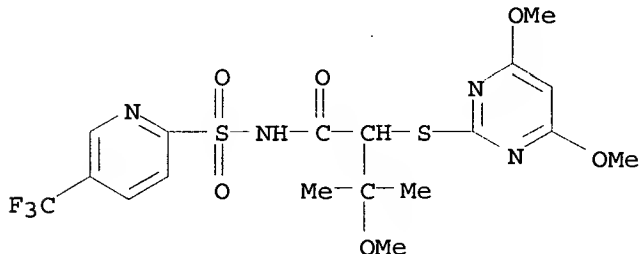
RN 153367-47-6 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl-N-[(pentylamino)sulfonyl]- (9CI) (CA INDEX NAME)



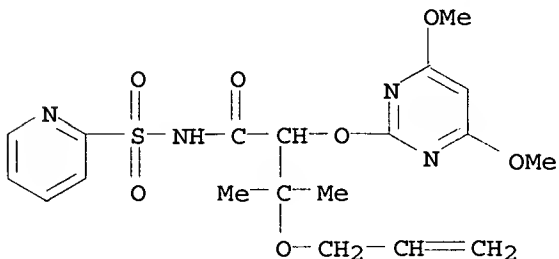
RN 153367-48-7 CAPLUS

CN Butanamide, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-N-[[5-(trifluoromethyl)-2-pyridinyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 153367-49-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-(2-propenyloxy)-N-(2-pyridinylsulfonyl)- (9CI) (CA INDEX NAME)



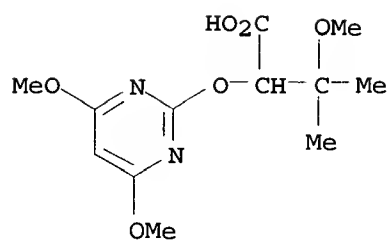
IT 134433-11-7 147111-34-0

RL: RCT (Reactant)

(reaction of, in prepn. of agrochem. herbicide)

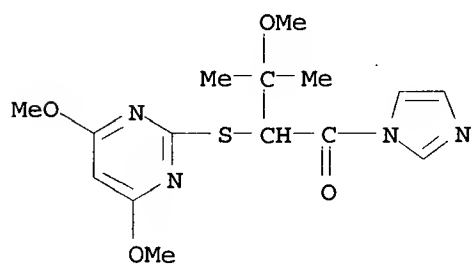
RN 134433-11-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



RN 147111-34-0 CAPLUS

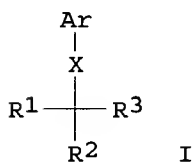
CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-1-oxobutyl]- (9CI) (CA INDEX NAME)





=> d bib abs hitstr 125 16

L25 ANSWER 16 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1994:322953 CAPLUS  
DN 120:322953  
TI Substituted (hetero-)aryl compounds, process for their preparation,  
those containing compositions and their use as herbicidal antidotes  
IN Holdgruen, Xenia; Willms, Lothar; Bauer, Klaus; Trinks, Klaus;  
Bieringer, Hermann  
PA Hoechst A.-G., Germany  
SO Eur. Pat. Appl., 57 pp.  
CODEN: EPXXDW  
PI EP 582198 A2 940209  
DS R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE  
AI EP 93-112074 930728  
PRAI DE 92-4225493 920801  
DT Patent  
LA German  
OS MARPAT 120:322953  
GI



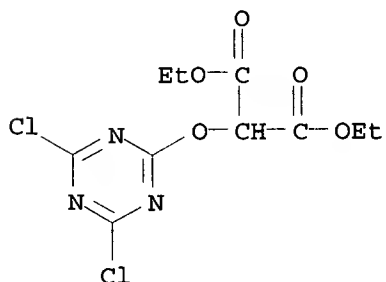
AB A process for the prepn. of substituted (hetero-)aryl compds., e.g.,  
I (wherein R1 and R2 and R3 can be the same or different, e.g., R1 =  
R2 = COOH, R3 = H, Ar = aryl, e.g., quinolinyl, and X = heteroatom,  
e.g., O) their use as herbicidal antidotes for crop protection.

IT 154879-83-1P 154879-89-7P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of, in the synthesis of herbicidal antidotes)

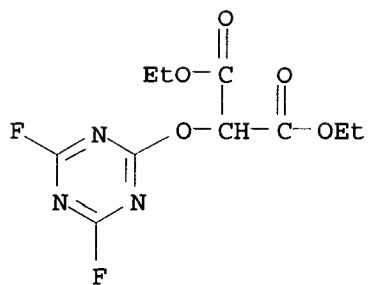
RN 154879-83-1 CAPLUS

CN Propanedioic acid, [(4,6-dichloro-1,3,5-triazin-2-yl)oxy]-, diethyl  
ester (9CI) (CA INDEX NAME)



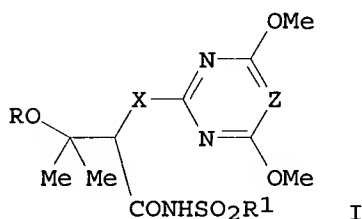
RN 154879-89-7 CAPLUS

CN Propanedioic acid, [(4,6-difluoro-1,3,5-triazin-2-yl)oxy]-, diethyl  
ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 17

L25 ANSWER 17 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1994:245150 CAPLUS  
DN 120:245150  
TI Preparation and herbicidal activity of 3-alkoxy-N-  
cycloalkylsulfonylalkanoic amide derivatives  
IN Abe, Takaaki; Akiyoshi, Yuji; Shiraishi, Hiroshi; Shiraishi, Ikuo;  
Hayama, Takashi  
PA Ube Industries, Ltd., Japan  
SO Eur. Pat. Appl., 19 pp.  
CODEN: EPXXDW  
PI EP 581184 A1 940202  
DS R: DE, FR, GB  
AI EP 93-111657 930721  
PRAI JP 92-235071 920721  
DT Patent  
LA English  
OS MARPAT 120:245150  
GI



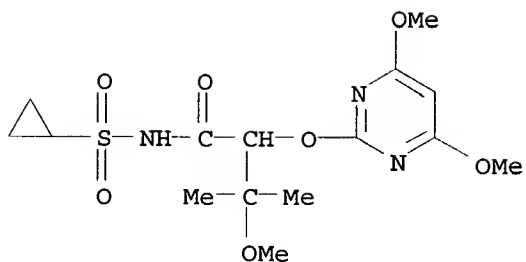
AB Prepn. of title compds. I (R = lower alkyl group, a lower alkenyl group, a lower alkynyl group, a halo-lower alkyl group or a cyano-lower alkyl group; R<sup>1</sup> = cycloalkyl; X = O, S; Z = CH, N), as herbicide, is described. Thus, condensation of 2-(4,6-dimethoxypyrimidin-2-yl)oxy-3-methoxy-3-methylbutanoic acid with cyclopropylsulfonamide in CH<sub>2</sub>Cl<sub>2</sub> in the presence of 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride gave title compd. I (R = Me, R<sup>1</sup> = cyclopropyl, X = O, Z = CH) (II). The herbicidal activity of II in cotton and soy bean fields is given with data.

IT 154350-07-9P 154350-08-0P 154350-09-1P  
154350-10-4P 154350-11-5P 154350-12-6P  
154350-13-7P 154350-14-8P 154350-15-9P  
154350-16-0P 154350-17-1P 154350-18-2P  
154350-19-3P 154350-20-6P 154350-21-7P  
154350-22-8P 154350-23-9P 154350-24-0P  
154350-25-1P 154350-26-2P 154350-27-3P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (prepn. and herbicidal activity of)

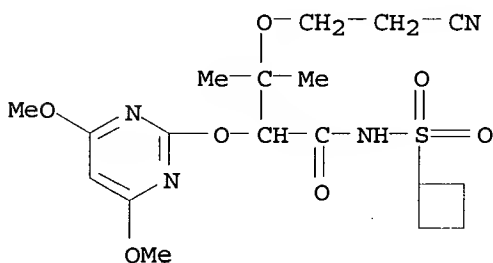
RN 154350-07-9 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



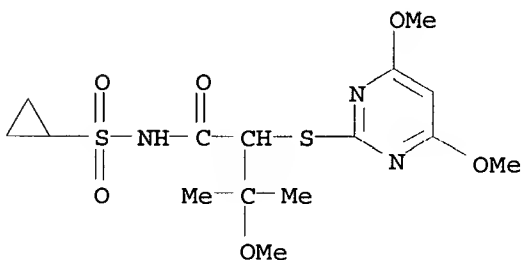
RN 154350-08-0 CAPLUS

CN Butanamide, 3-(2-cyanoethoxy)-N-(cyclobutylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



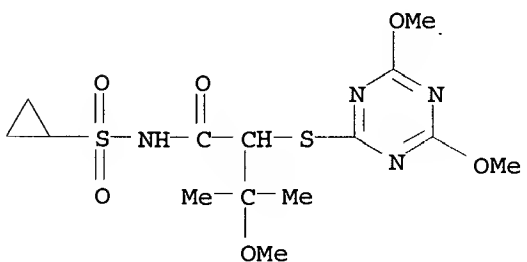
RN 154350-09-1 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



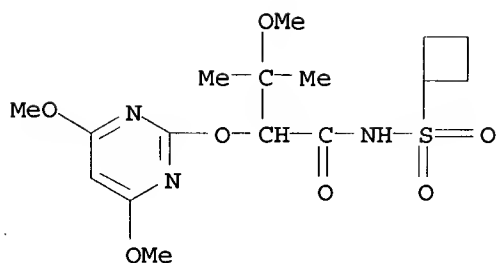
RN 154350-10-4 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



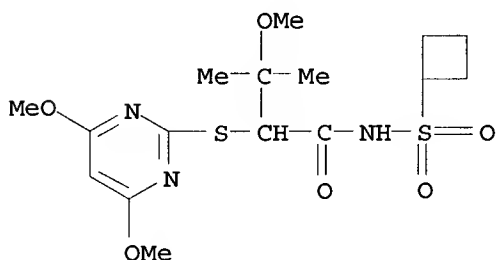
RN 154350-11-5 CAPLUS

CN Butanamide, N-(cyclobutylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



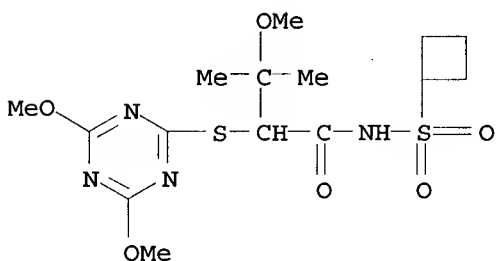
RN 154350-12-6 CAPLUS

CN Butanamide, N-(cyclobutylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



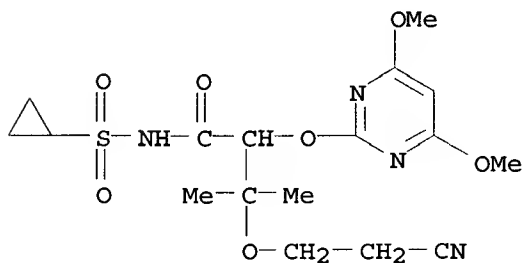
RN 154350-13-7 CAPLUS

CN Butanamide, N-(cyclobutylsulfonyl)-2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



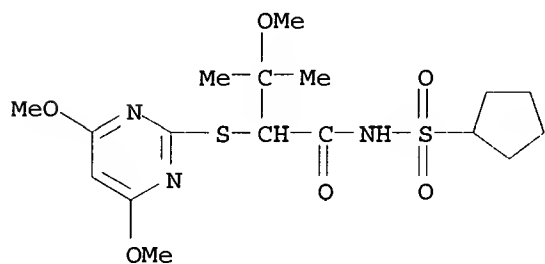
RN 154350-14-8 CAPLUS

CN Butanamide, 3-(2-cyanoethoxy)-N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



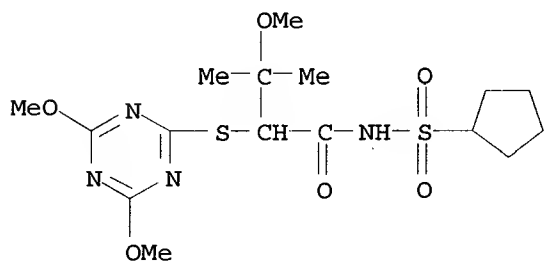
RN 154350-15-9 CAPLUS

CN Butanamide, N-(cyclopentylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



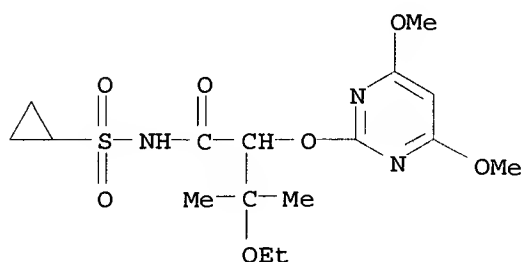
RN 154350-16-0 CAPLUS

CN Butanamide, N-(cyclopentylsulfonyl)-2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



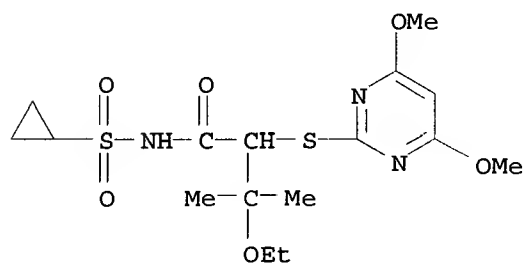
RN 154350-17-1 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



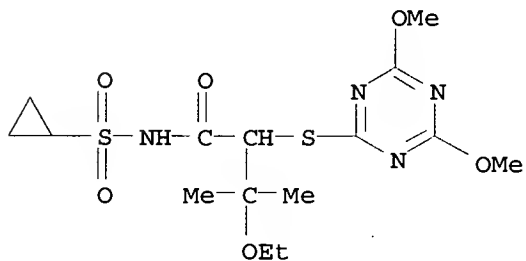
RN 154350-18-2 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



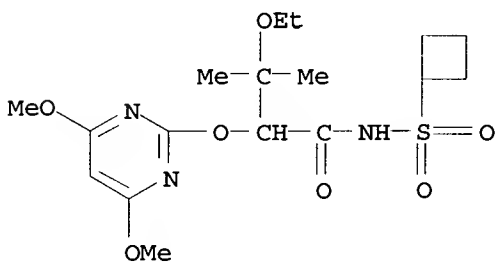
RN 154350-19-3 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



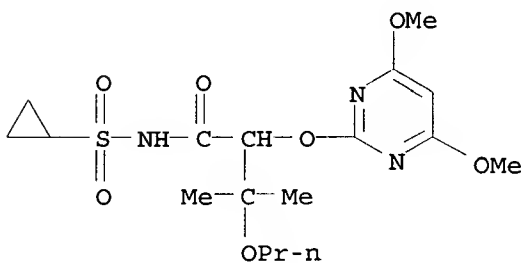
RN 154350-20-6 CAPLUS

CN Butanamide, N-(cyclobutylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



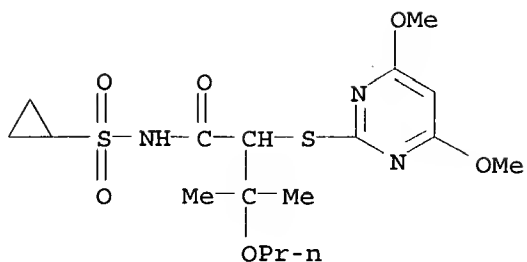
RN 154350-21-7 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



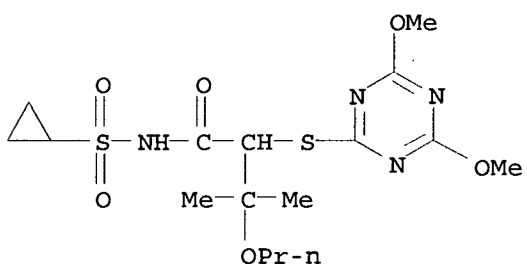
RN 154350-22-8 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



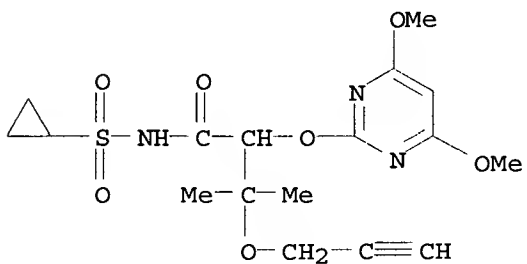
RN 154350-23-9 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)thio]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



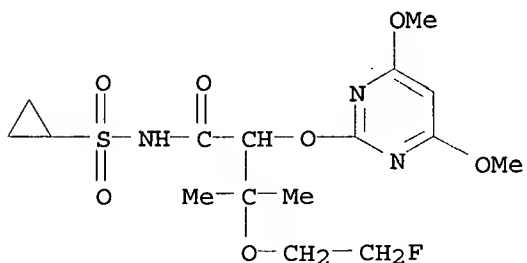
RN 154350-24-0 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



RN 154350-25-1 CAPLUS

CN Butanamide, N-(cyclopropylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-fluoroethoxy)-3-methyl- (9CI) (CA INDEX NAME)

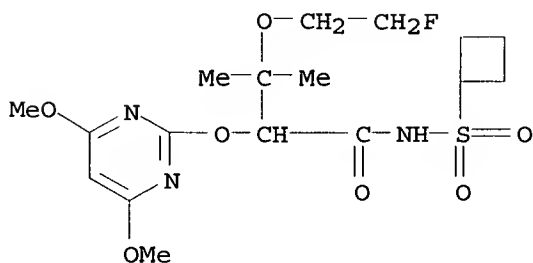


RN 154350-26-2 CAPLUS

CN Butanamide, N-(cyclobutylsulfonyl)-2-[(4,6-dimethoxy-2-

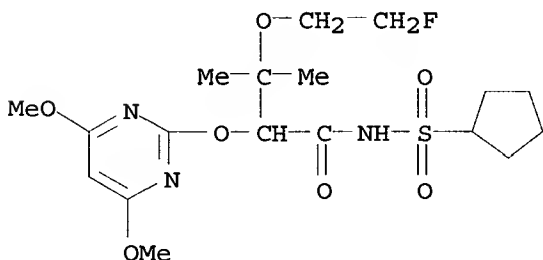


pyrimidinyl)oxy]-3-(2-fluoroethoxy)-3-methyl- (9CI) (CA INDEX NAME)



RN 154350-27-3 CAPLUS

CN Butanamide, N-(cyclopentylsulfonyl)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-fluoroethoxy)-3-methyl- (9CI) (CA INDEX NAME)



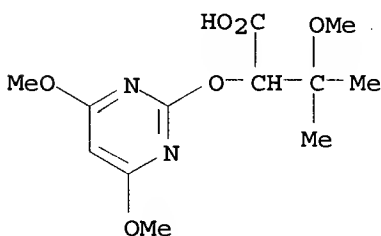
IT 134433-11-7 147111-34-0

RL: RCT (Reactant)

(reaction of, in prepn. of cycloalkylsulfonylpyrimidinylalkanoic amide herbicide)

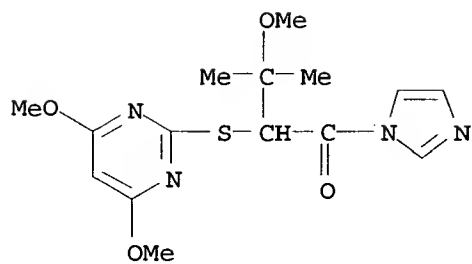
RN 134433-11-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



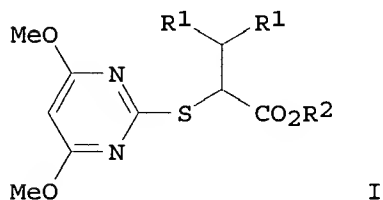
RN 147111-34-0 CAPLUS

CN 1H-Imidazole, 1-[2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-methyl-1-oxobutyl]- (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 18

L25 ANSWER 18 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1994:217723 CAPLUS  
 DN 120:217723  
 TI Acetal-containing (pyrimidinylthio)aliphatic acid derivative  
 herbicides  
 IN Goto, Toshio; Kitagawa, Yoshinori; Hayakawa, Hidenori; Shibuya,  
 Katsuhiko; Watanabe, Ryo  
 PA Nihon Bayer Agrochem K.K., Japan  
 SO Eur. Pat. Appl., 13 pp.  
 CODEN: EPXXDW  
 PI EP 573837 A1 931215  
 DS R: BE, CH, DE, ES, FR, GB, IT, LI, NL  
 AI EP 93-108358 930524  
 PRAI JP 92-168228 920604  
 DT Patent  
 LA English  
 OS MARPAT 120:217723  
 GI



AB The title compds. I (R1 = MeO, EtO, MeS, EtS; R2 = H, C1-4 alkyl, PhCH2; R1R1 = ethylenedioxy, ethylenedithio, trimethylenedioxy, trimethylenedithio), which exhibit selective and powerful herbicidal activity, useful for the control of weeds, are prepd. Thus, Me 3-hydroxy-2-(4,6-dimethoxy-2-pyrimidinylthio)acrylate was reacted with Me orthoformate, producing I (R1 = OMe, R2 = Me), which demonstrated 100% herbicidal effect against redroot pigweed, barnyard grass, and foxtail when applied at 1 kg/ha.

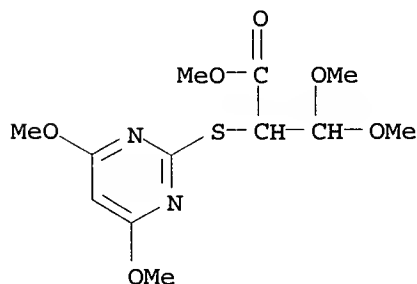
IT 153715-31-2 153715-34-5 153715-35-6

RL: RCT (Reactant)

(prepn. as herbicide for weed control)

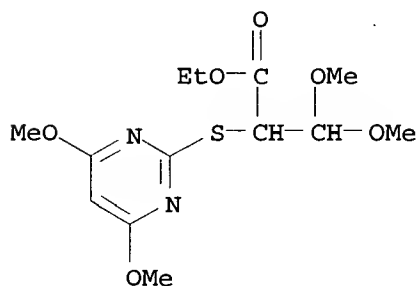
RN 153715-31-2 CAPLUS

CN Propanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3,3-dimethoxy-, methyl ester (9CI) (CA INDEX NAME)



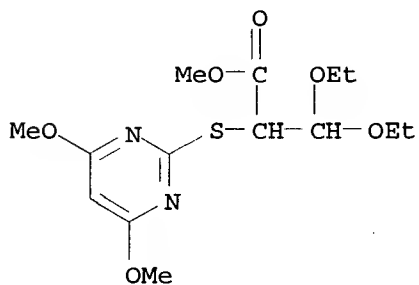
RN 153715-34-5 CAPLUS

CN Propanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3,3-dimethoxy-, ethyl ester (9CI) (CA INDEX NAME)



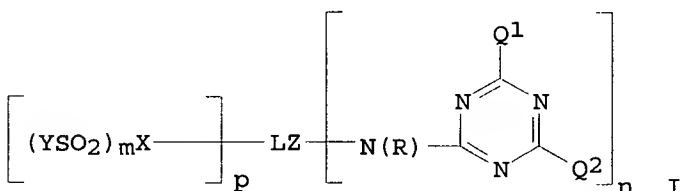
RN 153715-35-6 CAPLUS

CN Propanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3,3-diethoxy-, methyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 19

L25 ANSWER 19 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1994:56676 CAPLUS  
 DN 120:56676  
 TI Water-soluble reactive dyes, their manufacture and use  
 IN ~~Dannheim, Joeaerg;~~ Russ, Werner Hubert  
 PA Hoechst A.-G., Germany  
 SO Eur. Pat. Appl., 58 pp.  
 CODEN: EPXXDW  
 PI EP 548795 A2 930630  
 DS R: BE, CH, DE, ES, FR, GB, IT, LI, NL, PT  
 AI EP 92-121462 921217  
 PRAI DE 91-4142420 911220  
 DE 92-4204599 920215  
 DE 92-4205326 920221  
 DT Patent  
 LA German  
 OS MARPAT 120:56676  
 GI



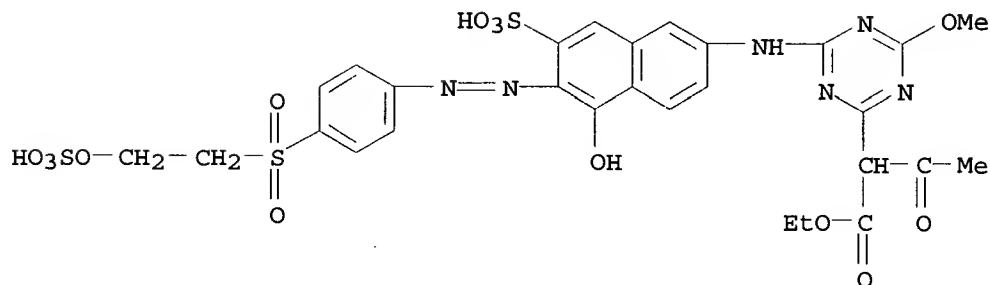
AB The dyes I [L = direct link, N-contg. connecting group; Q1, Q2 = org. group; R = H, (un)substituted C1-4 alkyl; X = direct bond, org. connecting group; Y = vinyl or precursor; Z = dye residue; m, n, p = 1, 2] are obtained for dyeing of cellulosics in fast shades. Thus, MeOH, cyanuric chloride, and 3-H2NC6H4SO3H were condensed, and the resulting monochlorotriazine was condensed with 3,6-disulfo-1-amino-8-naphthol. The product was coupled with diazotized 4-HO3SOCH2CH2SO2C6H4NH2 to provide a dye (.lambda.max 520 nm), fast red on textiles.

IT 151407-99-7P 151408-03-6P

RL: IMF (Industrial manufacture); PREP (Preparation)  
 (prepn. of, as orange dye for cellulosic fibers)

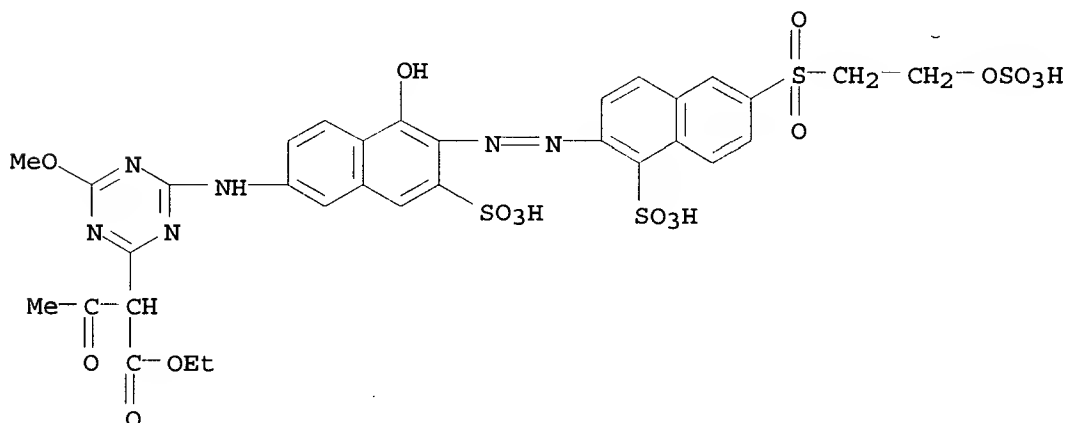
RN 151407-99-7 CAPLUS

CN 1,3,5-Triazine-2-acetic acid, .alpha.-acetyl-4-[[5-hydroxy-7-sulfo-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2-naphthalenyl]amino]-6-methoxy-, .alpha.-ethyl ester (9CI) (CA INDEX NAME)



RN 151408-03-6 CAPLUS

CN 1,3,5-Triazine-2-acetic acid, .alpha.-acetyl-4-[[5-hydroxy-7-sulfo-6-[[1-sulfo-6-[[2-(sulfooxy)ethyl]sulfonyl]-2-naphthalenyl]azo]-2-naphthalenyl]amino]-6-methoxy-, .alpha.-ethyl ester (9CI) (CA INDEX NAME)



IT 151407-78-2P

RL: IMF (Industrial manufacture); PREP (Preparation)  
(prepn. of, as red dye for cellulosic fibers)

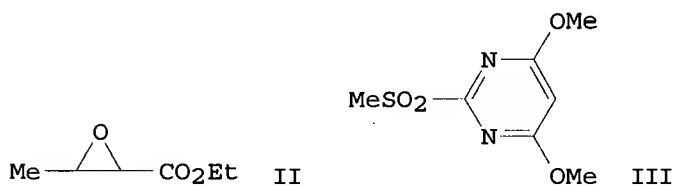
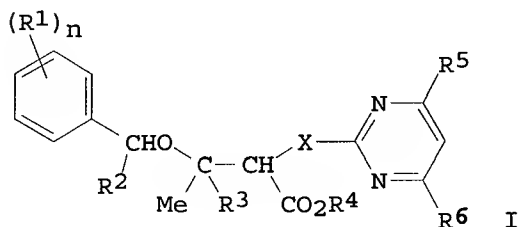
RN 151407-78-2 CAPLUS

CN 1,3,5-Triazine-2-acetic acid, .alpha.-acetyl-4-[[8-hydroxy-3,6-disulfo-7-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-1-naphthalenyl]amino]-6-methoxy-, .alpha.-ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 20

L25 ANSWER 20 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1993:539254 CAPLUS  
 DN 119:139254  
 TI Preparation of pyrimidinyloxy- and pyrimidinylthiobutyric acid  
 derivatives as herbicides  
 IN Harada, Katsumasa; Abe, Takaaki; Akiyoshi, Yuji; Shiraishi, Hiroshi;  
 Shiraishi, Kunio  
 PA Ube Industries, Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 15 pp.  
 CODEN: JKXXAF  
 PI JP 04356470 A2 921210 Heisei  
 AI JP 91-228117 910531  
 DT Patent  
 LA Japanese  
 OS MARPAT 119:139254  
 GI



AB The title compds. [I; R1 = H, alkyl, alkoxy, halo, NO2, etc.; R2-R4 = H, alkyl; R5 = alkyl, alkoxy; R6 = alkoxy; X = O, S; n = 1-5] are prepd. A mixt. of epoxide II and PhCH2OH was heated at 60.degree. in the presence of H2SO4 to give PhCH2OCHMeCH(OH)CO2Et, which was heated with pyrimidine deriv. III and K2CO3 in DMF at 60.degree. to give 80% I (R1-R3 = H, R4 = Et, R5 = R6 = MeO, X = O), which killed barnyard grass, arrowhead, Scirpus juncoides at 20 g/are.

IT 149761-16-0P 149761-17-1P 149761-18-2P  
 149761-19-3P 149761-20-6P 149761-21-7P  
 149761-22-8P 149761-23-9P 149761-24-0P  
 149761-25-1P 149761-26-2P 149761-27-3P  
 149761-28-4P 149761-29-5P 149761-30-8P  
 149761-31-9P 149761-32-0P 149761-33-1P  
 149761-34-2P 149761-35-3P 149761-36-4P  
 149761-37-5P 149761-38-6P 149761-39-7P  
 149761-40-0P 149761-41-1P 149761-42-2P  
 149761-43-3P 149761-44-4P 149761-45-5P  
 149761-46-6P 149761-47-7P 149761-48-8P  
 149761-49-9P 149761-50-2P 149761-51-3P  
 149761-52-4P 149761-53-5P 149761-54-6P

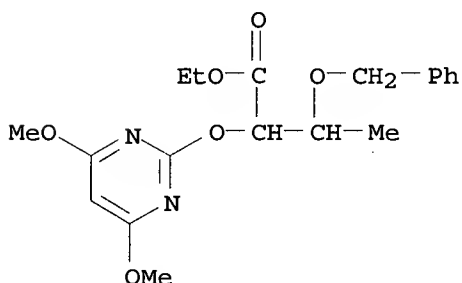


149761-55-7P 149761-56-8P 149761-57-9P  
 149761-58-0P 149761-59-1P 149761-60-4P  
 149761-61-5P 149761-62-6P 149761-63-7P  
 149761-64-8P 149761-65-9P 149761-66-0P  
 149761-67-1P 149761-68-2P 149761-69-3P  
 149761-70-6P 149761-71-7P 149761-72-8P  
 149761-73-9P 149761-74-0P 149761-75-1P  
 149761-76-2P 149761-77-3P 149761-78-4P  
 149787-28-0P 149787-29-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of, as herbicide)

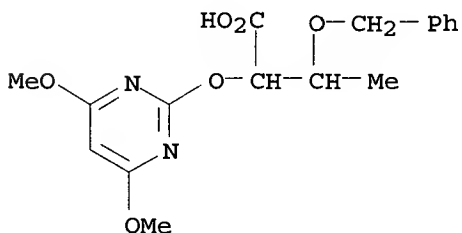
RN 149761-16-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(phenylmethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



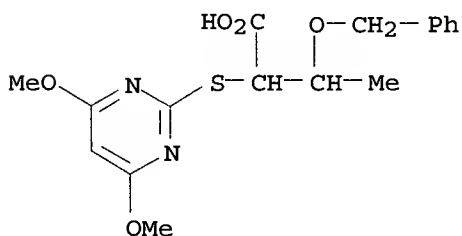
RN 149761-17-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)



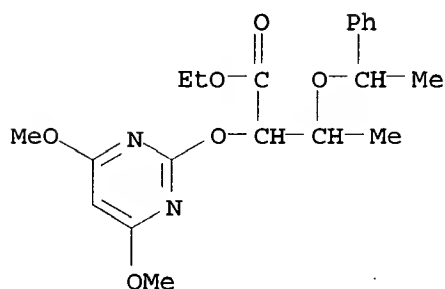
RN 149761-18-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)



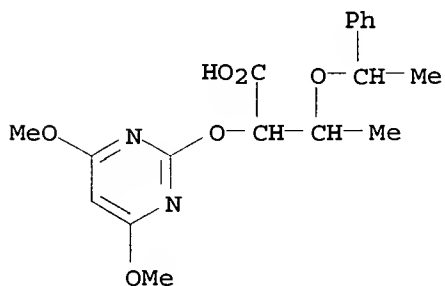
RN 149761-19-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-phenylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



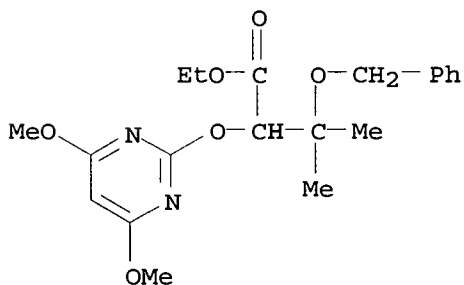
RN 149761-20-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-phenylethoxy)- (9CI) (CA INDEX NAME)



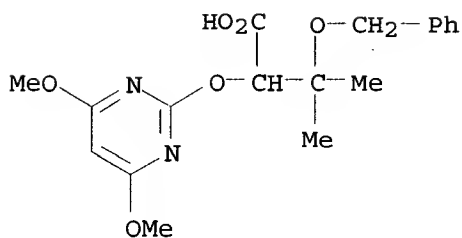
RN 149761-21-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(phenylmethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



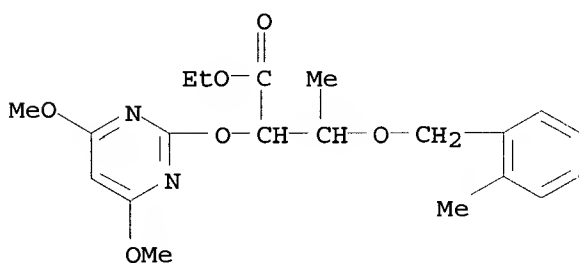
RN 149761-22-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)



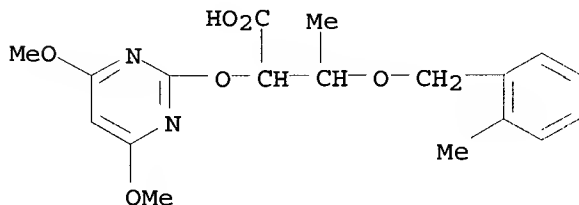
RN 149761-23-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-methylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



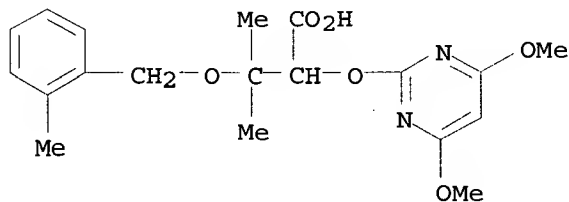
RN 149761-24-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-methylphenyl)methoxy]- (9CI) (CA INDEX NAME)



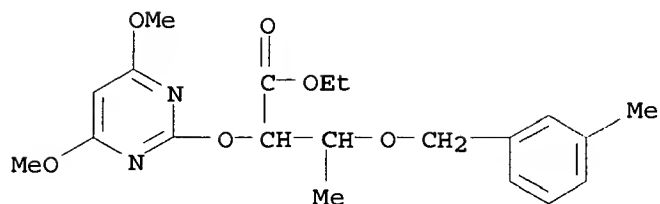
RN 149761-25-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-[(2-methylphenyl)methoxy]- (9CI) (CA INDEX NAME)



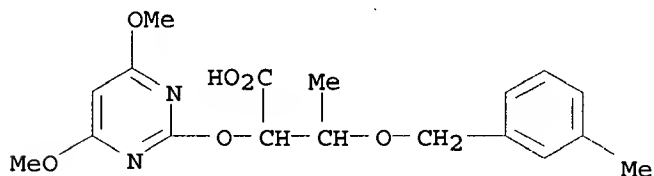
RN 149761-26-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-methylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



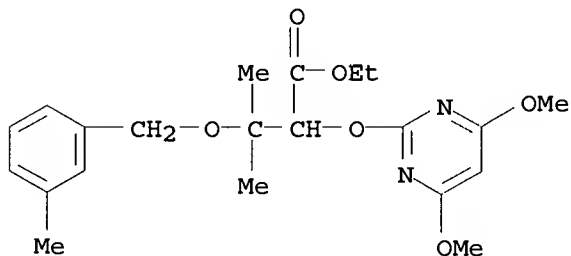
RN 149761-27-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-methylphenyl)methoxy]- (9CI) (CA INDEX NAME)



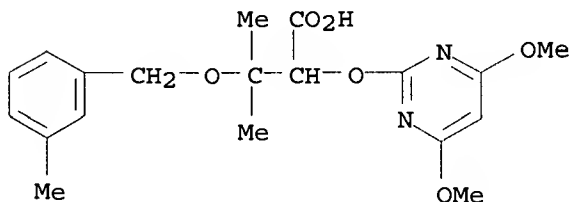
RN 149761-28-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-[(3-methylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



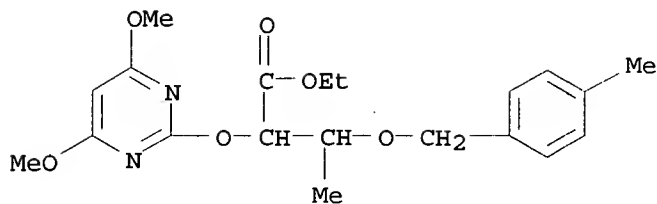
RN 149761-29-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-[(3-methylphenyl)methoxy]- (9CI) (CA INDEX NAME)



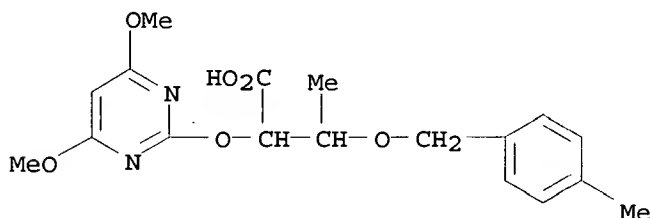
RN 149761-30-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(4-methylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



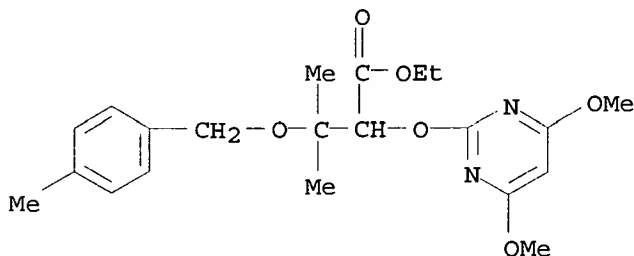
RN 149761-31-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(4-methylphenyl)methoxy]- (9CI) (CA INDEX NAME)



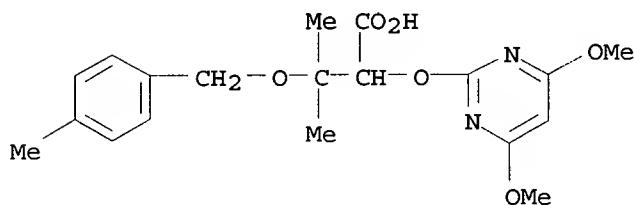
RN 149761-32-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-[(4-methylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



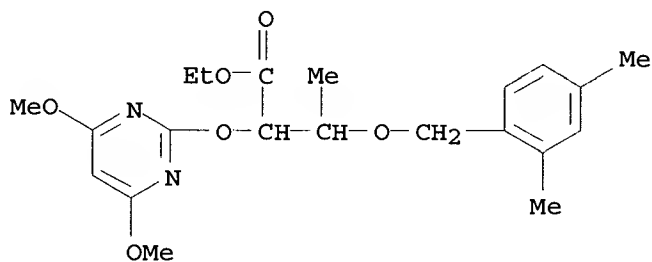
RN 149761-33-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-[(4-methylphenyl)methoxy]- (9CI) (CA INDEX NAME)



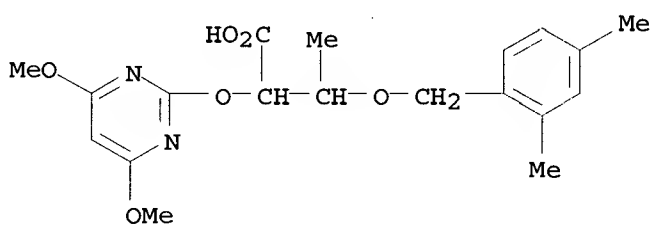
RN 149761-34-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2,4-dimethylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



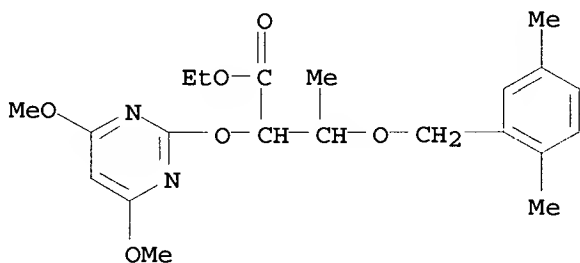
RN 149761-35-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2,4-dimethylphenyl)methoxy]- (9CI) (CA INDEX NAME)



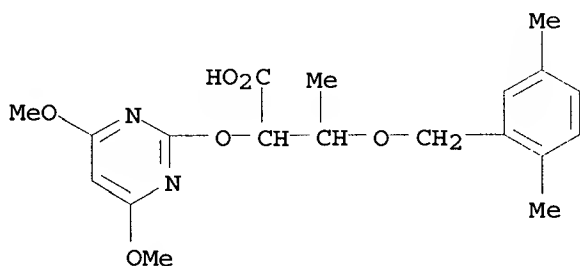
RN 149761-36-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2,5-dimethylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



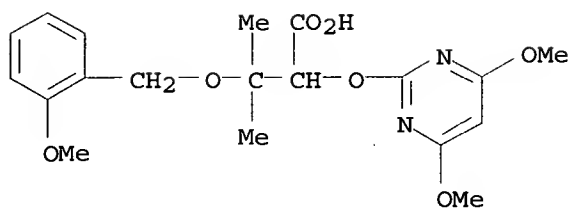
RN 149761-37-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2,5-dimethylphenyl)methoxy]- (9CI) (CA INDEX NAME)



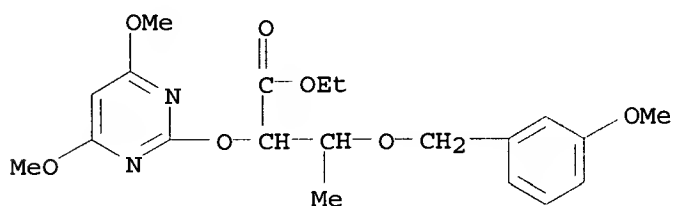
RN 149761-38-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-methoxyphenyl)methoxy]-3-methyl- (9CI) (CA INDEX NAME)



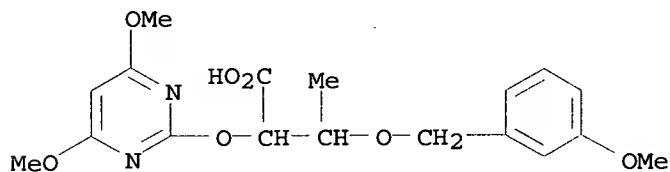
RN 149761-39-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-methoxyphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



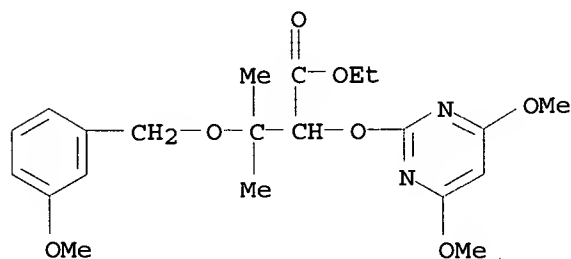
RN 149761-40-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-methoxyphenyl)methoxy]- (9CI) (CA INDEX NAME)



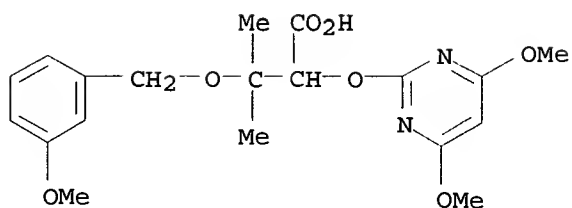
RN 149761-41-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-methoxyphenyl)methoxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



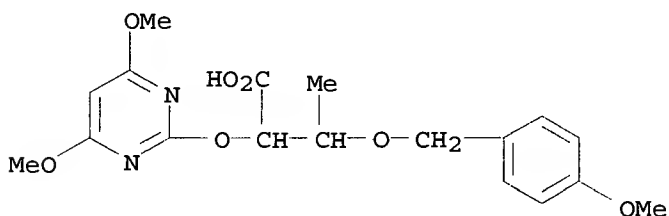
RN 149761-42-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-methoxyphenyl)methoxy]-3-methyl- (9CI) (CA INDEX NAME)



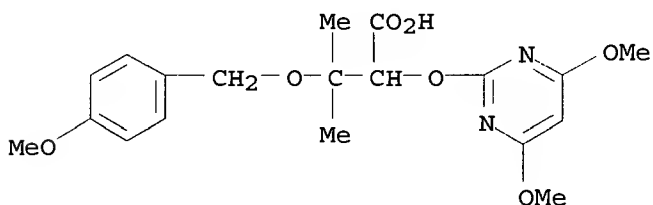
RN 149761-43-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(4-methoxyphenyl)methoxy]- (9CI) (CA INDEX NAME)



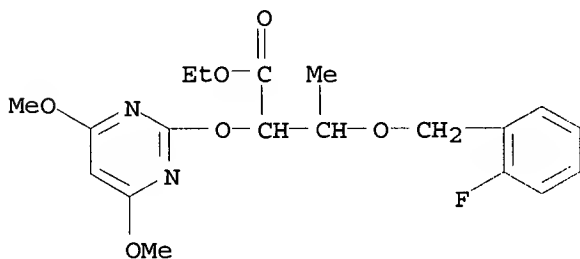
RN 149761-44-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(4-methoxyphenyl)methoxy]-3-methyl- (9CI) (CA INDEX NAME)



RN 149761-45-5 CAPLUS

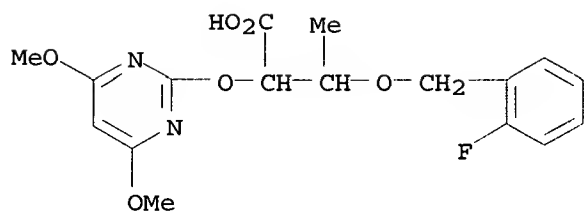
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-fluorophenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 149761-46-6 CAPLUS

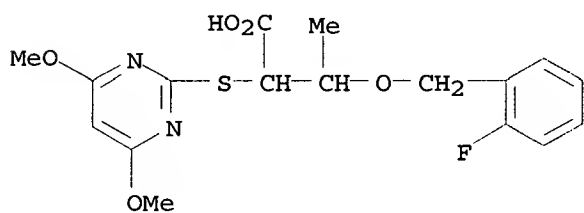
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-fluorophenyl)methoxy]- (9CI) (CA INDEX NAME)





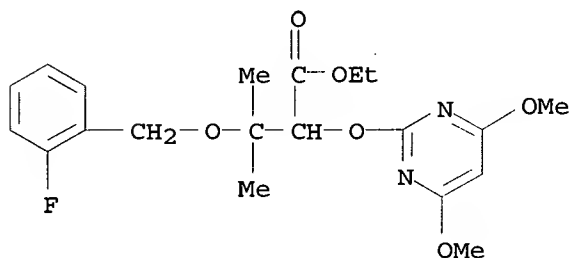
RN 149761-47-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-[(2-fluorophenyl)methoxy]- (9CI) (CA INDEX NAME)



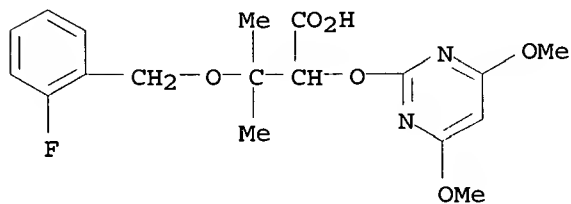
RN 149761-48-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-fluorophenyl)methoxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



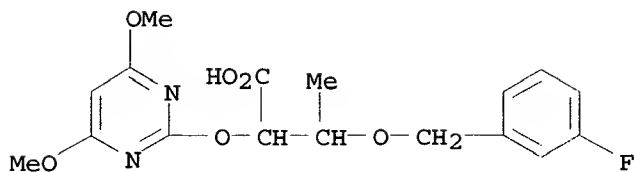
RN 149761-49-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-fluorophenyl)methoxy]-3-methyl- (9CI) (CA INDEX NAME)



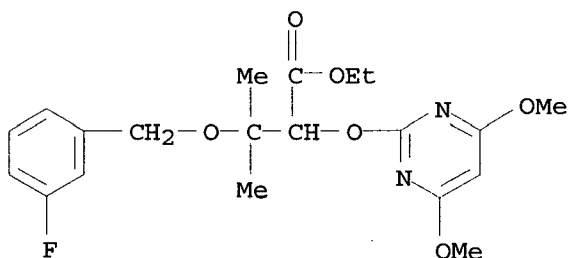
RN 149761-50-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-fluorophenyl)methoxy]- (9CI) (CA INDEX NAME)



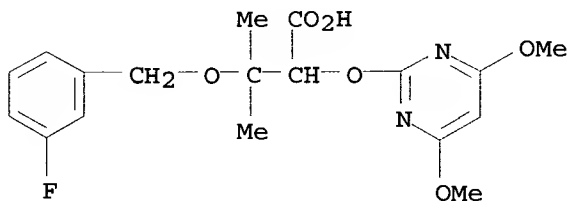
RN 149761-51-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-fluorophenyl)methoxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



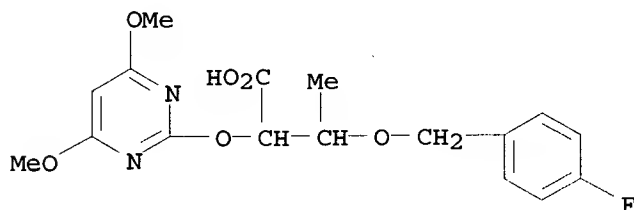
RN 149761-52-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(3-fluorophenyl)methoxy]-3-methyl- (9CI) (CA INDEX NAME)



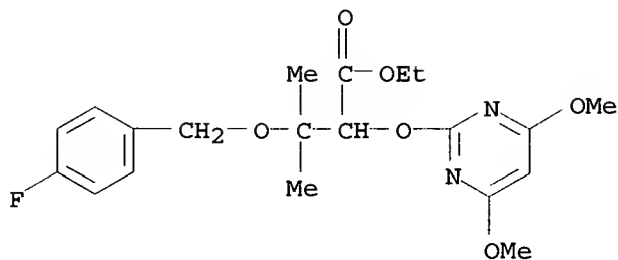
RN 149761-53-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(4-fluorophenyl)methoxy]-3-methyl- (9CI) (CA INDEX NAME)



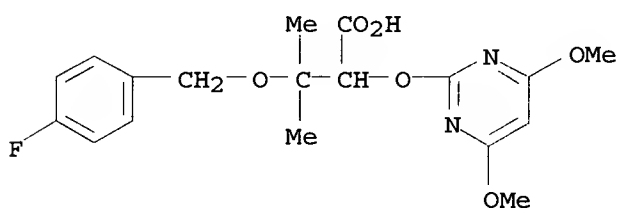
RN 149761-54-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(4-fluorophenyl)methoxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



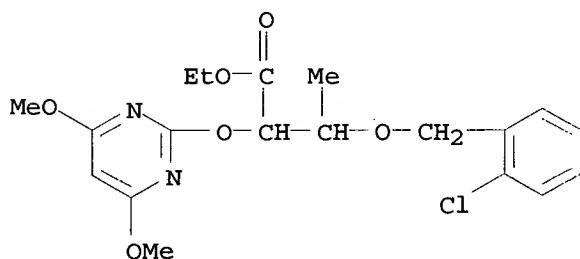
RN 149761-55-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(4-fluorophenyl)methoxy]-3-methyl- (9CI) (CA INDEX NAME)



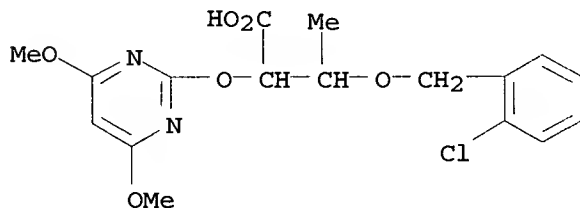
RN 149761-56-8 CAPLUS

CN Butanoic acid, 3-[(2-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



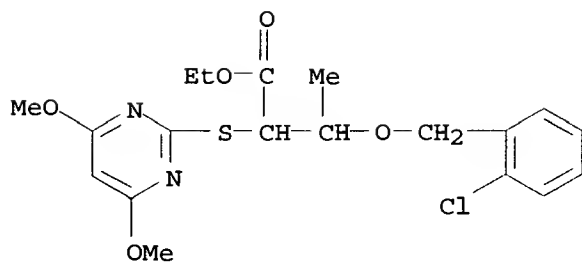
RN 149761-57-9 CAPLUS

CN Butanoic acid, 3-[(2-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



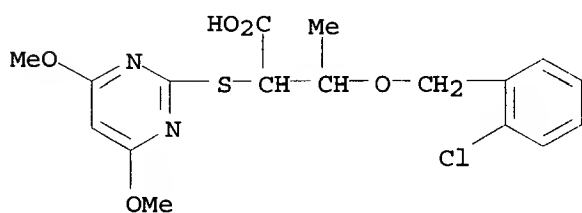
RN 149761-58-0 CAPLUS

CN Butanoic acid, 3-[(2-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-, ethyl ester (9CI) (CA INDEX NAME)



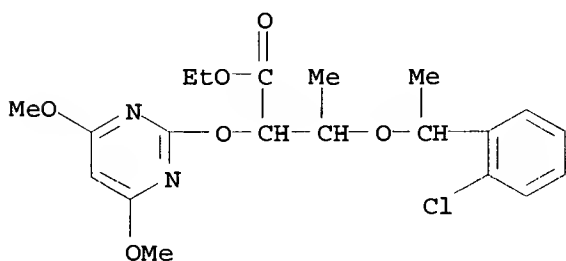
RN 149761-59-1 CAPLUS

CN Butanoic acid, 3-[(2-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]- (9CI) (CA INDEX NAME)



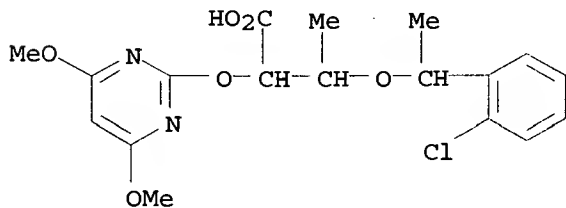
RN 149761-60-4 CAPLUS

CN Butanoic acid, 3-[1-(2-chlorophenyl)ethoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



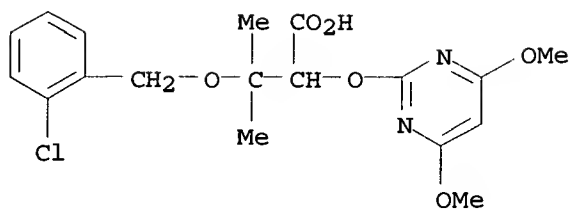
RN 149761-61-5 CAPLUS

CN Butanoic acid, 3-[1-(2-chlorophenyl)ethoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



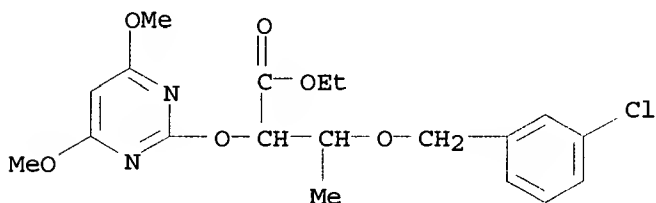
RN 149761-62-6 CAPLUS

CN Butanoic acid, 3-[(2-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



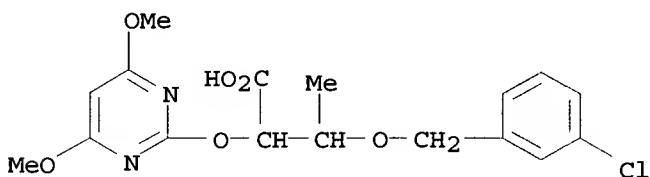
RN 149761-63-7 CAPLUS

CN Butanoic acid, 3-[(3-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



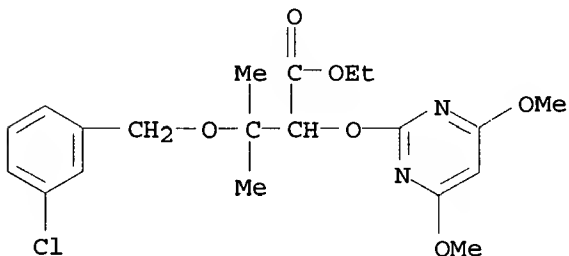
RN 149761-64-8 CAPLUS

CN Butanoic acid, 3-[(3-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



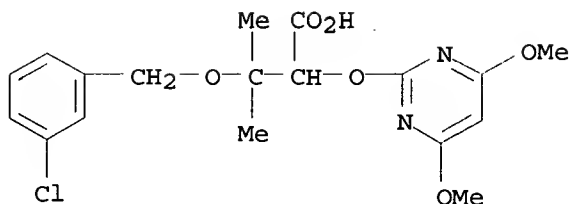
RN 149761-65-9 CAPLUS

CN Butanoic acid, 3-[(3-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



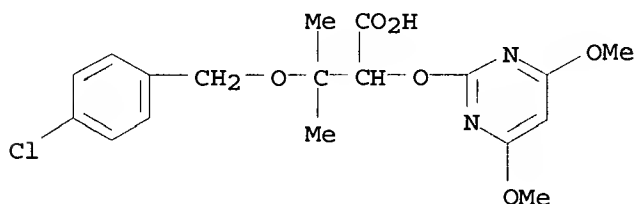
RN 149761-66-0 CAPLUS

CN Butanoic acid, 3-[(3-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



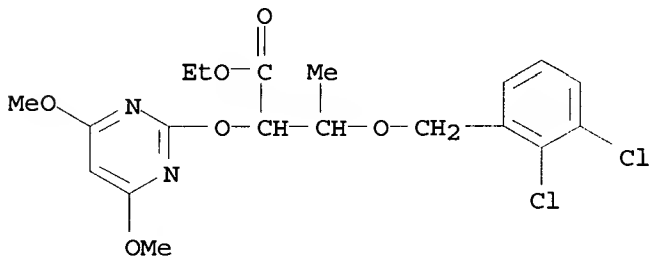
RN 149761-67-1 CAPLUS

CN Butanoic acid, 3-[(4-chlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



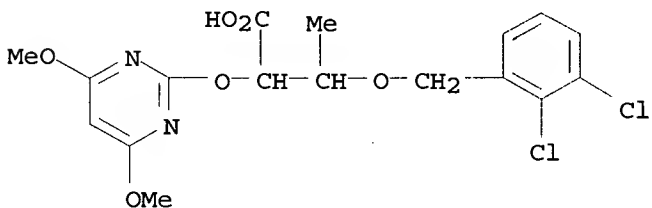
RN 149761-68-2 CAPLUS

CN Butanoic acid, 3-[(2,3-dichlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



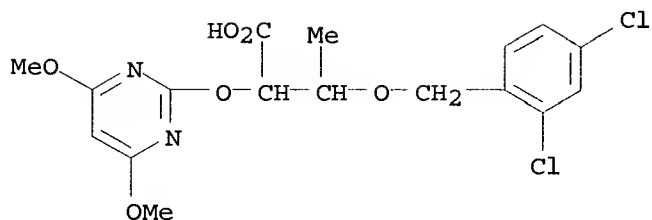
RN 149761-69-3 CAPLUS

CN Butanoic acid, 3-[(2,4-dichlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



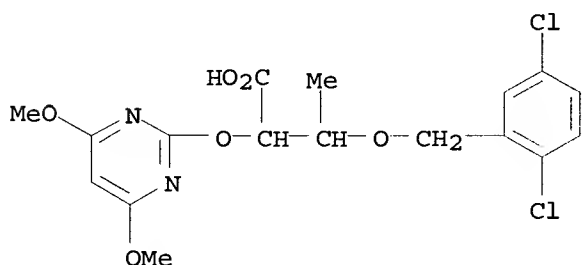
RN 149761-70-6 CAPLUS

CN Butanoic acid, 3-[(2,4-dichlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



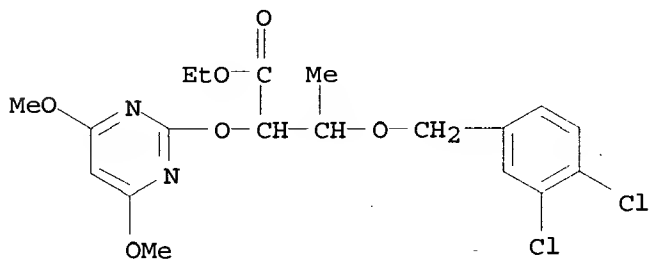
RN 149761-71-7 CAPLUS

CN Butanoic acid, 3-[(2,5-dichlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



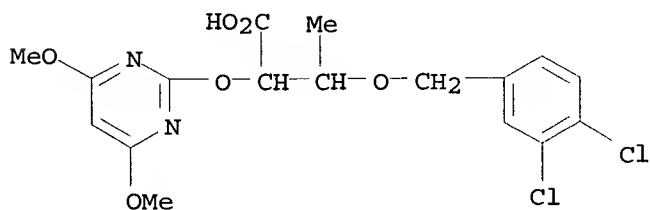
RN 149761-72-8 CAPLUS

CN Butanoic acid, 3-[(3,4-dichlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



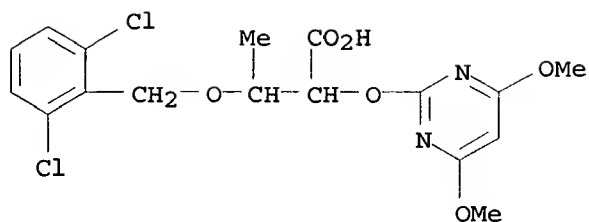
RN 149761-73-9 CAPLUS

CN Butanoic acid, 3-[(3,4-dichlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



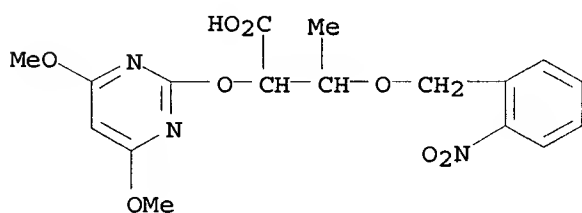
RN 149761-74-0 CAPLUS

CN Butanoic acid, 3-[(2,6-dichlorophenyl)methoxy]-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



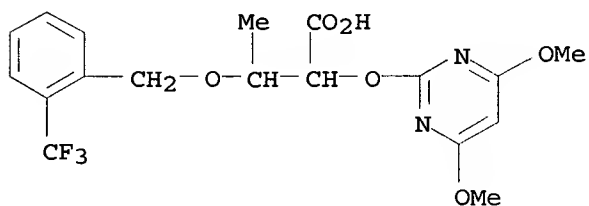
RN 149761-75-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-nitrophenyl)methoxy]- (9CI) (CA INDEX NAME)



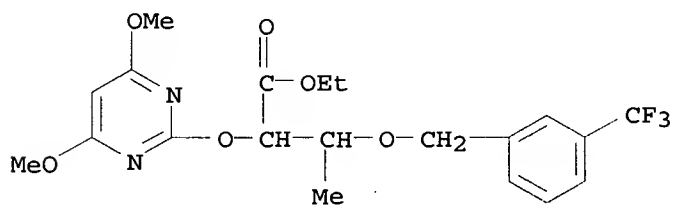
RN 149761-76-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[[2-(trifluoromethyl)phenyl]methoxy]- (9CI) (CA INDEX NAME)



RN 149761-77-3 CAPLUS

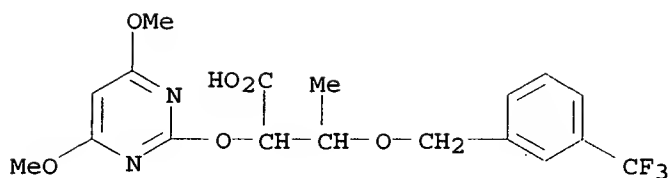
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[[3-(trifluoromethyl)phenyl]methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 149761-78-4 CAPLUS

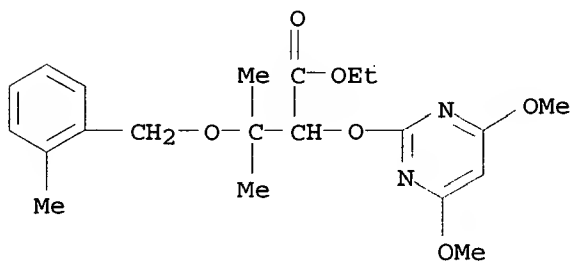
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[[3-(trifluoromethyl)phenyl]methoxy]- (9CI) (CA INDEX NAME)





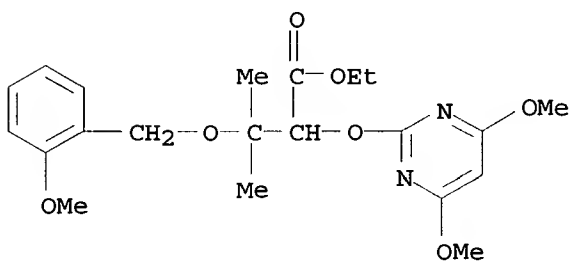
RN 149787-28-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-[(2-methylphenyl)methoxy]-, ethyl ester (9CI) (CA INDEX NAME)



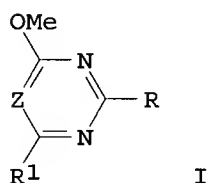
RN 149787-29-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[(2-methoxyphenyl)methoxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 21

L25 ANSWER 21 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1992:448615 CAPLUS  
DN 117:48615  
TI Preparation of pyrimidinyloxy- and 1,3,5-triazinyloxyfatty acid  
derivatives and analogs as herbicides  
IN Harada, Katsumasa; Abe, Takaaki; Shiraishi, Hiroshi; Matsushita,  
Akio; Yamamoto, Kaoru  
PA Ube Industries, Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 14 pp.  
CODEN: JKXXAF  
PI JP 03240777 A2 911028 Heisei  
AI JP 90-37145 900220  
DT Patent  
LA Japanese  
OS MARPAT 117:48615  
GI



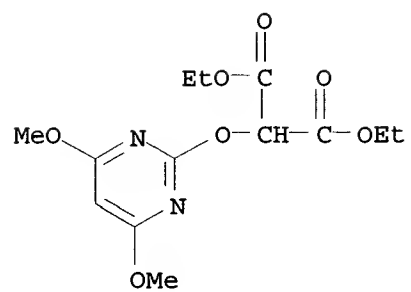
AB The title compds. [I; R = YCHR<sub>2</sub>COR<sub>3</sub>; R<sub>1</sub> = halo, (halo)alkoxy; R<sub>2</sub> = (un)substituted Ph or alkyl; alkenyl, alkynyl, alkoxycarbonyl; R<sub>3</sub> = OH, (un)substituted alkoxy or PhO, alkenyloxy, alkynyloxy, alkylthio, alkenylthio; Z = CH, N; Y = O, S] are prepd. by condensation of I (R = X; X = leaving group) with HYCHR<sub>2</sub>COR<sub>3</sub>, I (R = YH) with XCHR<sub>2</sub>COR<sub>3</sub>, or I (R = YCH<sub>2</sub>COR<sub>3</sub>) with R<sub>2</sub>X, or esterification of I (R = YCHR<sub>2</sub>CO<sub>2</sub>H) with R<sub>3</sub>X or I (R = YCHR<sub>2</sub>COR<sub>4</sub>; R<sub>4</sub> = imidazolyl, SiMe<sub>3</sub>) with R<sub>3</sub>H. Thus, a suspension of 2-benzylsulfonyl-4,6-dimethoxypyrimidine 1.8, Et 2-hydroxybutyrate 1.0, and K<sub>2</sub>CO<sub>3</sub> 1.0 g in DMF was stirred at 80-90.degree. for 3 h to give 1.2 g I (R<sub>1</sub> = OMe, Z = CH, Y = O, R<sub>2</sub> = Et, R<sub>3</sub> = OEt) (II). A total of 21 I were prepd. and I (R<sub>1</sub> = OMe, Z = CH, Y = O, R<sub>2</sub> = Pr, R<sub>3</sub> = OCH<sub>2</sub>CH:CH<sub>2</sub>) at 20 g/are preemergent completely controlled 8 weeds, e.g. Echinochloa crus-galli and Digitaria sanguinalis.

IT 138951-24-3P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of, as herbicide)

RN 138951-24-3 CAPLUS

CN Propanedioic acid, [(4,6-dimethoxy-2-pyrimidinyl)oxy]-, diethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 22

L25 ANSWER 22 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1992:448600 CAPLUS

DN 117:48600

TI Preparation of 3-alkoxy-2-pyrimidyloxy- and -thioalkanoates as  
herbicides

IN Harada, Katsumasa; Abe, Takaaki; Akiyoshi, Yuji; Shiraishi, Hiroshi;  
Yamamoto, Kaoru

PA Ube Industries, Ltd., Japan

SO Eur. Pat. Appl., 65 pp.

CODEN: EPXXDW

PI EP 481512 A1 920422

DS R: DE, FR, GB, IT

AI EP 91-117829 911018

PRAI JP 90-279328 901019

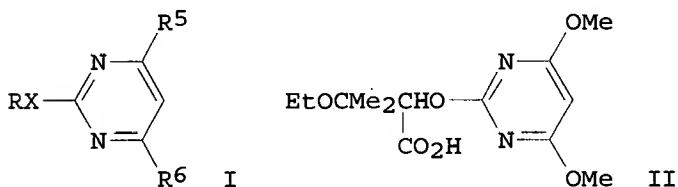
JP 91-189613 910423

DT Patent

LA English

OS MARPAT 117:48600

GI



AB Title compds. [I; R = R<sub>1</sub>OCR<sub>2</sub>R<sub>3</sub>CH(CO<sub>2</sub>R<sub>4</sub>); R<sub>1</sub> = (cyclo)alkyl, alkenyl, alkynyl, haloalkyl, cyanoalkyl; R<sub>2</sub> = H, alkyl; R<sub>3</sub> = (cyclo)alkyl; R<sub>2</sub>R<sub>3</sub> = atoms to complete a carbocyclic ring; R<sub>4</sub> = H, alkyl, alkynyl; R<sub>5</sub> = (halo)alkyl, alkoxy, halo; R<sub>6</sub> = alkyl, alkoxy; X = O, S] were prep'd. Thus, Et 2,3-epoxy-3-methylbutanoate was treated with H<sub>2</sub>SO<sub>4</sub> in EtOH and the product condensed with 4,6-dimethoxy-2-methylsulfonylpyrimidine to give, after sapon., title compd. II which gave complete control of 5 weeds, e.g., crabgrass, with slight damage to cotton at 20 g/are preemergent.

IT 134433-11-7P 134433-27-5P 142411-45-8P  
142411-46-9P 142411-47-0P 142411-48-1P  
142411-49-2P 142411-50-5P 142411-51-6P  
142411-52-7P 142411-53-8P 142411-54-9P  
142411-55-0P 142411-56-1P 142411-57-2P  
142411-58-3P 142411-59-4P 142411-60-7P  
142411-61-8P 142411-62-9P 142411-63-0P  
142411-64-1P 142411-65-2P 142411-66-3P  
142411-67-4P 142411-68-5P 142411-69-6P  
142411-70-9P 142411-71-0P 142411-72-1P  
142411-73-2P 142411-74-3P 142411-75-4P  
142411-76-5P 142411-77-6P 142411-78-7P  
142411-79-8P 142411-80-1P 142411-81-2P  
142411-82-3P 142411-83-4P 142411-84-5P  
142411-85-6P 142411-86-7P 142411-87-8P  
142411-88-9P 142411-89-0P 142411-90-3P

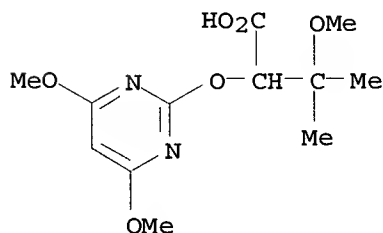
142411-91-4P 142411-92-5P 142411-93-6P  
142411-94-7P 142411-95-8P 142411-96-9P  
142411-97-0P 142411-98-1P 142411-99-2P  
142412-00-8P 142412-01-9P 142412-02-0P  
142412-03-1P 142412-04-2P 142412-05-3P  
142412-06-4P 142412-07-5P 142412-08-6P  
142412-09-7P 142412-10-0P 142412-11-1P  
142412-12-2P 142412-13-3P 142412-14-4P  
142412-15-5P 142412-16-6P 142412-17-7P  
142412-18-8P 142412-19-9P 142412-20-2P  
142412-21-3P 142412-22-4P 142412-23-5P  
142412-24-6P 142412-25-7P 142412-26-8P  
142412-27-9P 142412-28-0P 142412-29-1P  
142412-30-4P 142412-31-5P 142412-32-6P  
142412-33-7P 142412-34-8P 142412-35-9P  
142412-36-0P 142412-37-1P 142412-38-2P  
142412-39-3P 142412-40-6P 142412-41-7P  
142412-42-8P 142412-43-9P 142412-44-0P  
142412-45-1P 142412-46-2P 142412-47-3P  
142412-48-4P 142412-49-5P 142412-50-8P  
142412-51-9P 142412-52-0P 142412-53-1P  
142412-54-2P 142412-55-3P 142412-56-4P  
142412-57-5P 142412-58-6P 142412-59-7P  
142412-60-0P 142412-61-1P 142412-62-2P  
142412-63-3P 142412-64-4P 142412-65-5P  
142412-66-6P 142412-67-7P 142412-68-8P  
142412-69-9P 142412-70-2P 142412-71-3P  
142412-72-4P 142412-73-5P 142412-74-6P  
142412-75-7P 142412-76-8P 142412-77-9P  
142412-78-0P 142412-79-1P 142412-80-4P  
142412-81-5P 142412-82-6P 142412-83-7P  
142412-84-8P 142412-85-9P 142412-86-0P  
142412-87-1P 142412-88-2P 142412-89-3P  
142412-90-6P 142412-91-7P 142412-92-8P  
142412-93-9P 142412-94-0P 142412-95-1P  
142412-96-2P 142412-97-3P 142412-98-4P  
142412-99-5P 142413-00-1P 142413-01-2P  
142413-02-3P 142413-03-4P 142413-04-5P  
142413-05-6P 142413-06-7P 142413-07-8P  
142430-08-8P 142430-09-9P 142430-10-2P  
142430-11-3P 142430-12-4P 142430-13-5P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of, as herbicide)

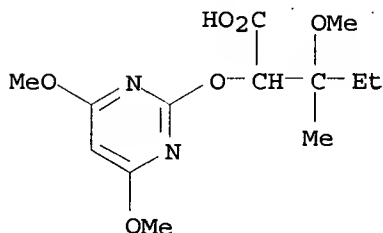
RN 134433-11-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



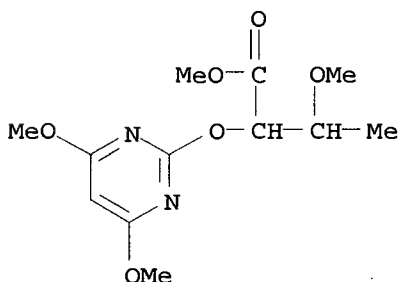
RN 134433-27-5 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



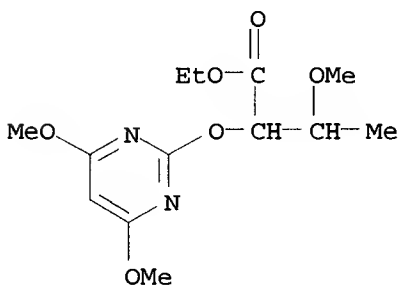
RN 142411-45-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-, methyl ester (9CI) (CA INDEX NAME)



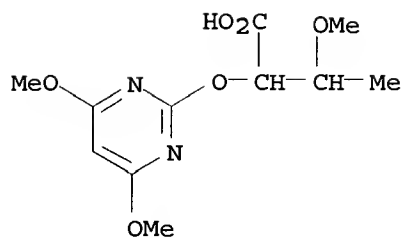
RN 142411-46-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



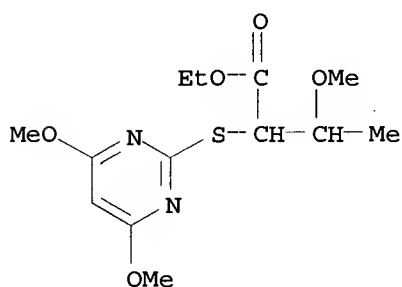
RN 142411-47-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy- (9CI) (CA INDEX NAME)



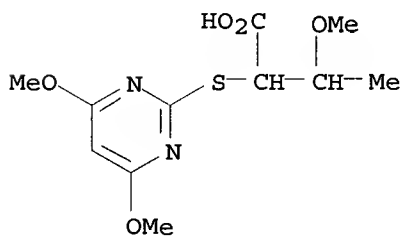
RN 142411-48-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



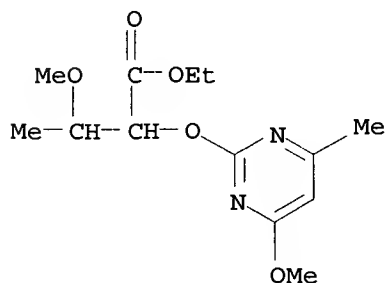
RN 142411-49-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



RN 142411-50-5 CAPLUS

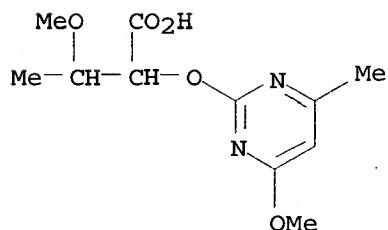
CN Butanoic acid, 3-methoxy-2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 142411-51-6 CAPLUS

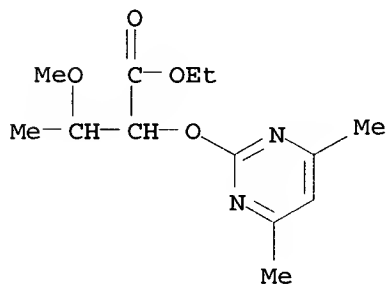
CN Butanoic acid, 3-methoxy-2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)

(9CI) (CA INDEX NAME)



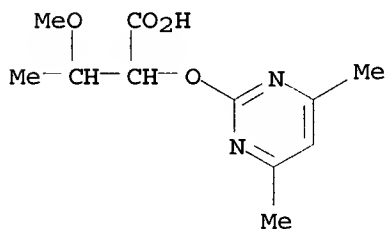
RN 142411-52-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



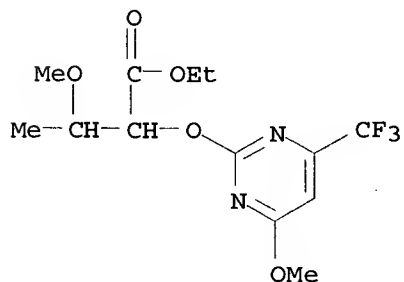
RN 142411-53-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-methoxy- (9CI) (CA INDEX NAME)



RN 142411-54-9 CAPLUS

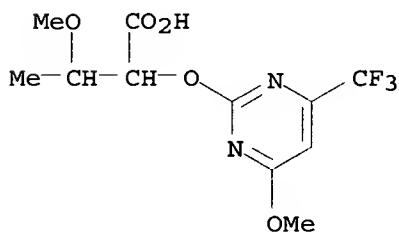
CN Butanoic acid, 3-methoxy-2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)





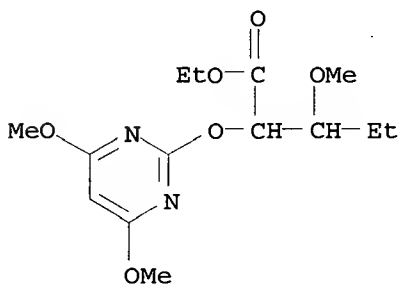
RN 142411-55-0 CAPLUS

CN Butanoic acid, 3-methoxy-2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]- (9CI) (CA INDEX NAME)



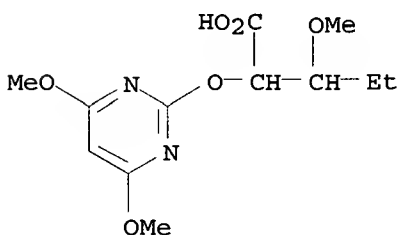
RN 142411-56-1 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



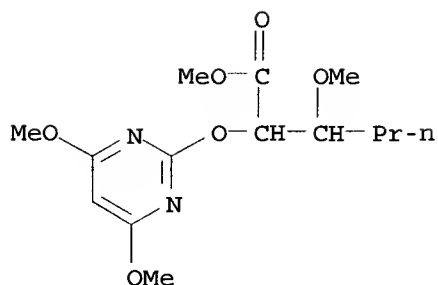
RN 142411-57-2 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy- (9CI) (CA INDEX NAME)



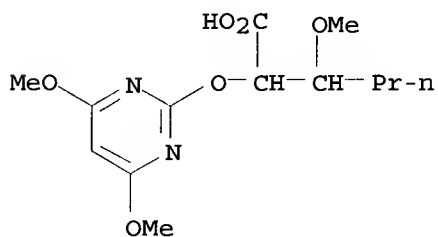
RN 142411-58-3 CAPLUS

CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-, methyl ester (9CI) (CA INDEX NAME)



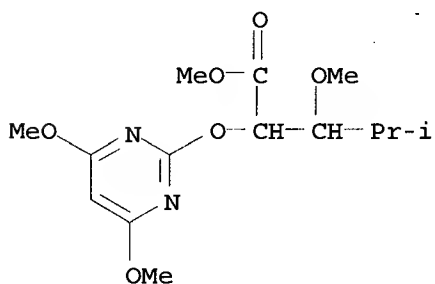
RN 142411-59-4 CAPLUS

CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy- (9CI)  
(CA INDEX NAME)



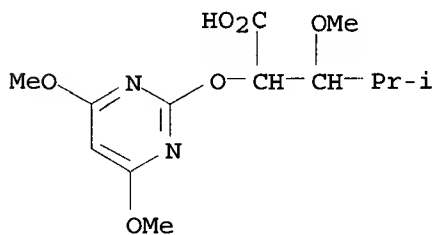
RN 142411-60-7 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-4-methyl-, methyl ester (9CI) (CA INDEX NAME)



RN 142411-61-8 CAPLUS

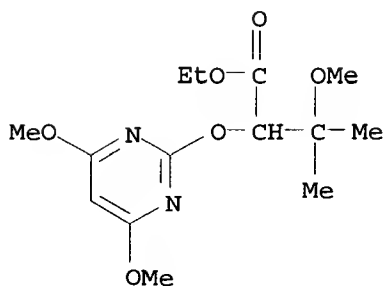
CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-4-methyl- (9CI) (CA INDEX NAME)



RN 142411-62-9 CAPLUS

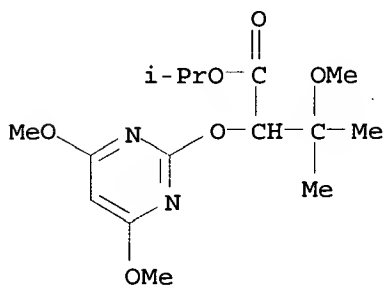
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-

methyl-, ethyl ester (9CI) (CA INDEX NAME)



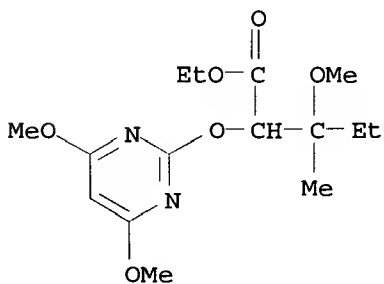
RN 142411-63-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl-, 1-methylethyl ester (9CI) (CA INDEX NAME)



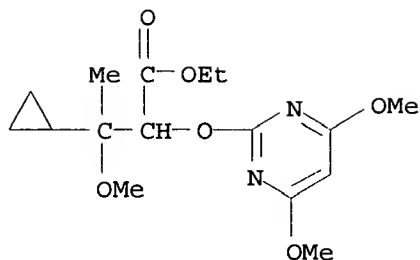
RN 142411-64-1 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



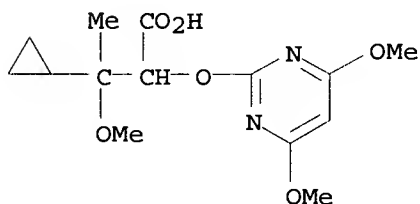
RN 142411-65-2 CAPLUS

CN Cyclopropanepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl-, ethyl ester (9CI) (CA INDEX NAME)



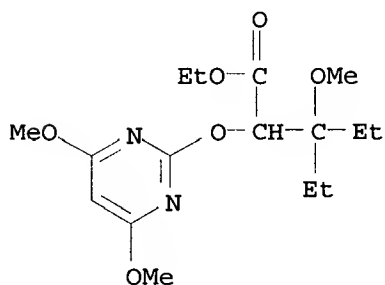
RN 142411-66-3 CAPLUS

CN Cyclopropanepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-methoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



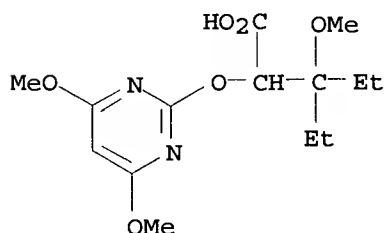
RN 142411-67-4 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethyl-3-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



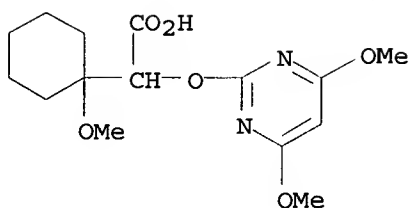
RN 142411-68-5 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethyl-3-methoxy- (9CI) (CA INDEX NAME)



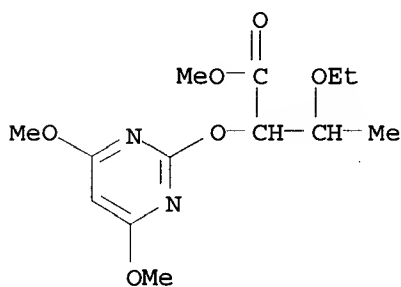
RN 142411-69-6 CAPLUS

CN Cyclohexaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-methoxy- (9CI) (CA INDEX NAME)



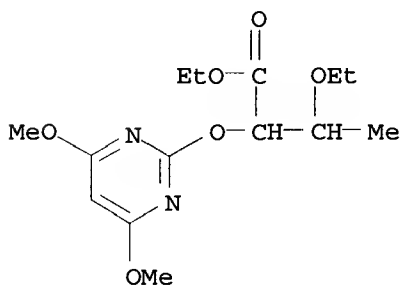
RN 142411-70-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-, methyl ester (9CI) (CA INDEX NAME)



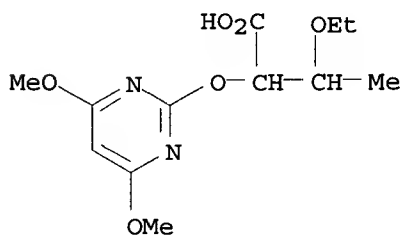
RN 142411-71-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



RN 142411-72-1 CAPLUS

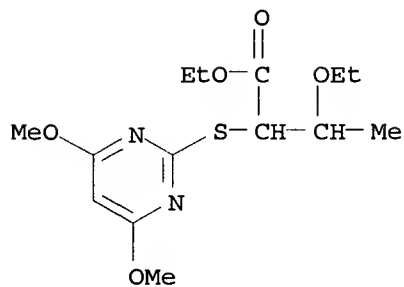
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy- (9CI) (CA INDEX NAME)



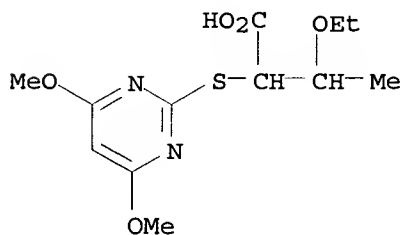
RN 142411-73-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-,

ethyl ester (9CI) (CA INDEX NAME)

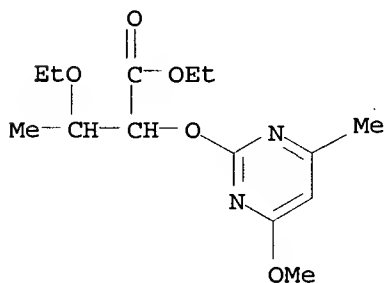


RN 142411-74-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy- (9CI)  
(CA INDEX NAME)

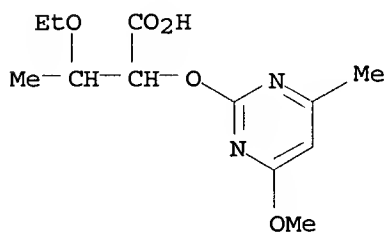
RN 142411-75-4 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



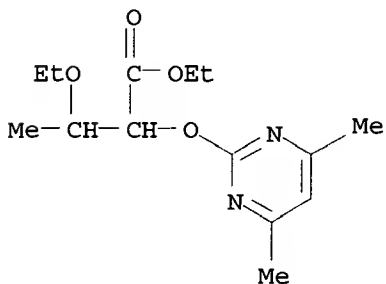
RN 142411-76-5 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



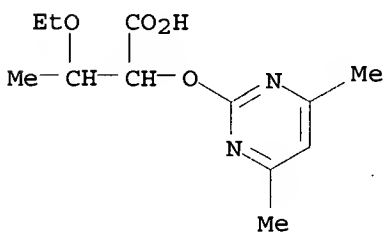
RN 142411-77-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



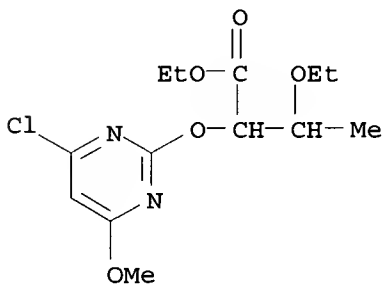
RN 142411-78-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-ethoxy- (9CI) (CA INDEX NAME)



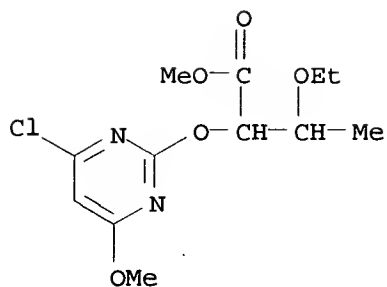
RN 142411-79-8 CAPLUS

CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



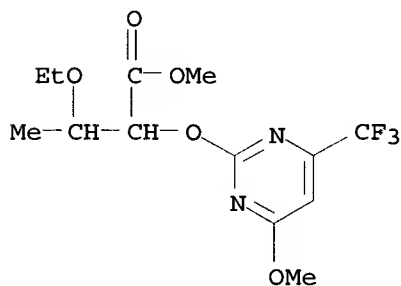
RN 142411-80-1 CAPLUS

CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-ethoxy-, methyl ester (9CI) (CA INDEX NAME)



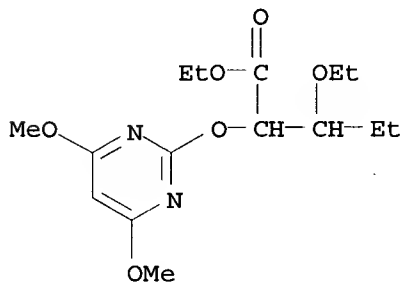
RN 142411-81-2 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 142411-82-3 CAPLUS

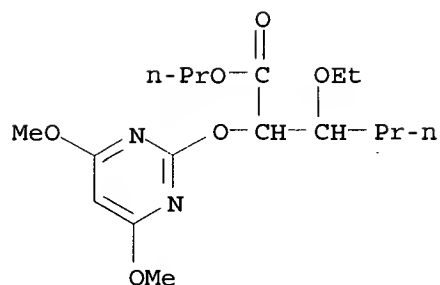
CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



RN 142411-83-4 CAPLUS

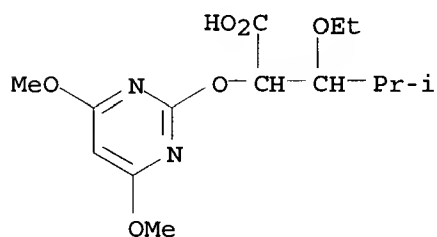
CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-, propyl ester (9CI) (CA INDEX NAME)





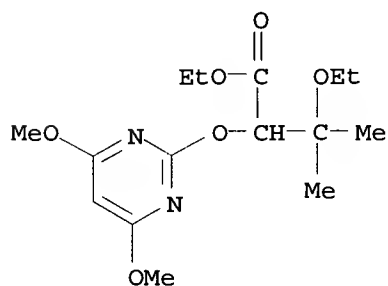
RN 142411-84-5 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4-methyl- (9CI) (CA INDEX NAME)



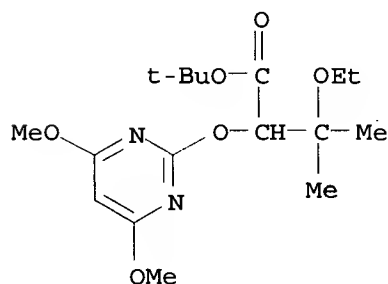
RN 142411-85-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



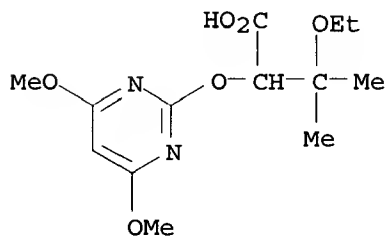
RN 142411-86-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



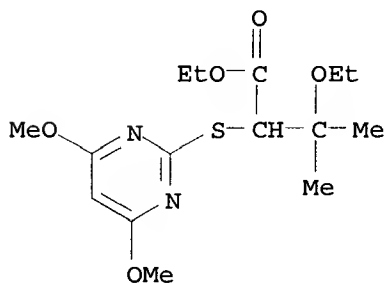
RN 142411-87-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



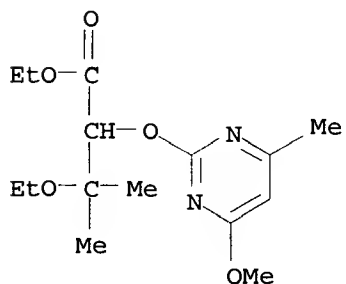
RN 142411-88-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



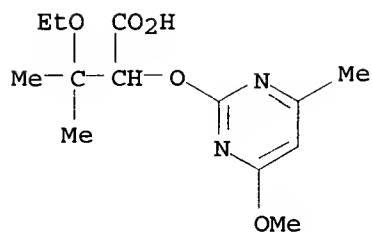
RN 142411-89-0 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



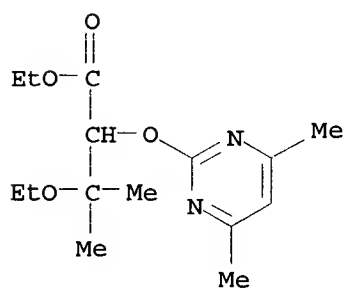
RN 142411-90-3 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



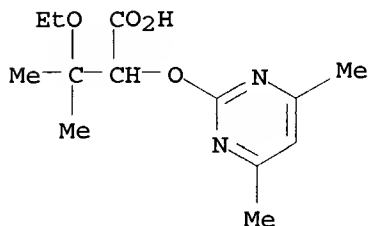
RN 142411-91-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



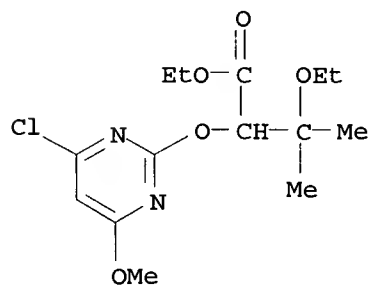
RN 142411-92-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 142411-93-6 CAPLUS

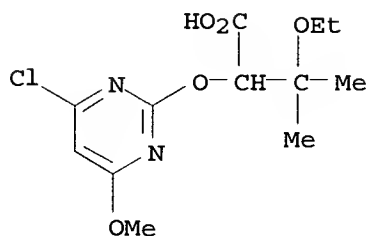
CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 142411-94-7 CAPLUS

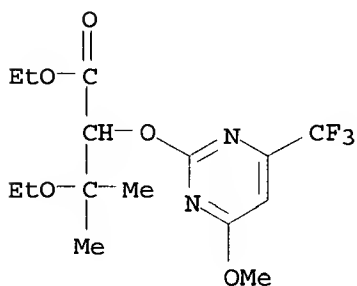
CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)

methyl- (9CI) (CA INDEX NAME)



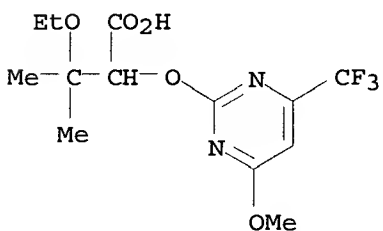
RN 142411-95-8 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



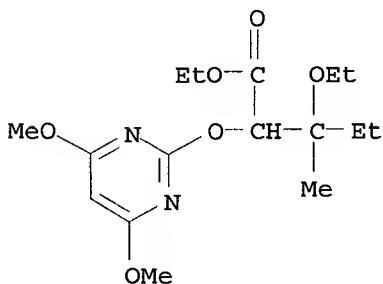
RN 142411-96-9 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]-3-methyl- (9CI) (CA INDEX NAME)



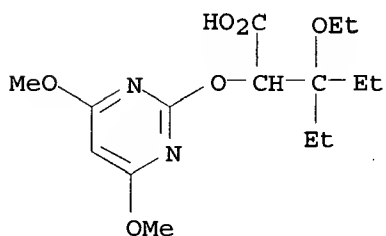
RN 142411-97-0 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



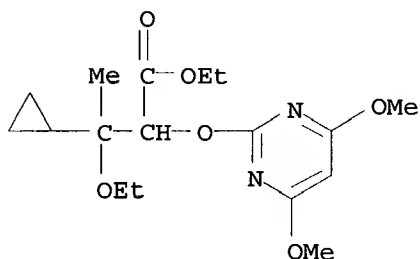
RN 142411-98-1 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-ethyl- (9CI) (CA INDEX NAME)



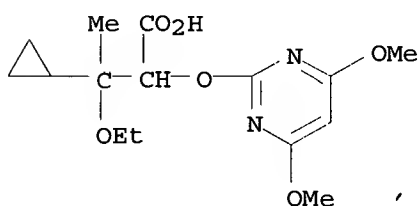
RN 142411-99-2 CAPLUS

CN Cyclopropanepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethoxy-.beta.-methyl-, ethyl ester (9CI) (CA INDEX NAME)



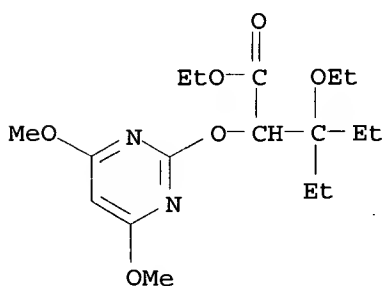
RN 142412-00-8 CAPLUS

CN Cyclopropanepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-.beta.-ethoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



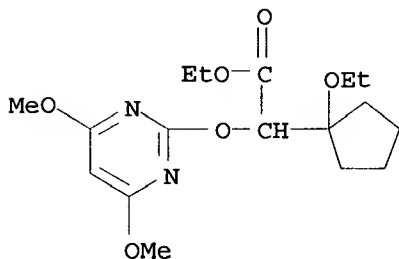
RN 142412-01-9 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-ethyl-, ethyl ester (9CI) (CA INDEX NAME)



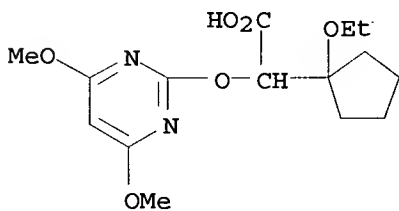
RN 142412-02-0 CAPLUS

CN Cyclopentaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



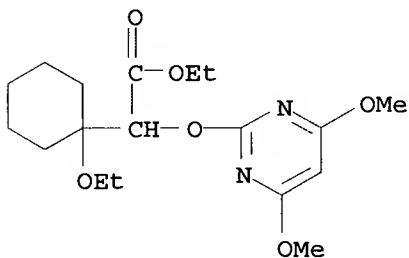
RN 142412-03-1 CAPLUS

CN Cyclopentaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-ethoxy- (9CI) (CA INDEX NAME)



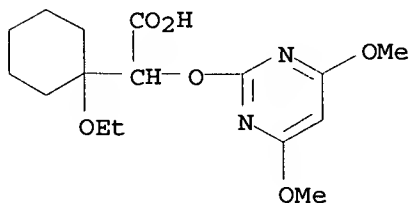
RN 142412-04-2 CAPLUS

CN Cyclohexaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



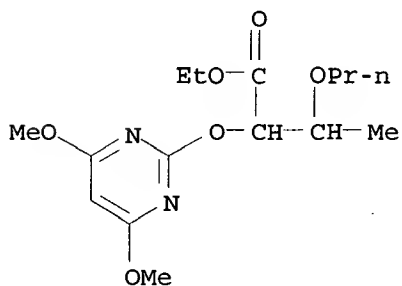
RN 142412-05-3 CAPLUS

CN Cyclohexaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-ethoxy- (9CI) (CA INDEX NAME)



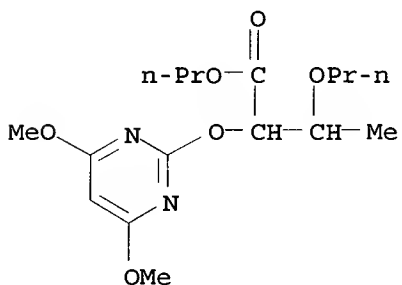
RN 142412-06-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-propoxy-,  
ethyl ester (9CI) (CA INDEX NAME)



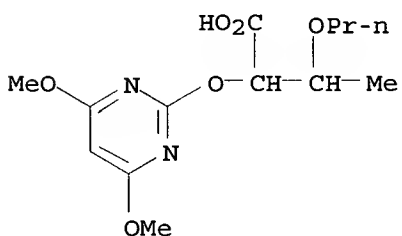
RN 142412-07-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-propoxy-,  
propyl ester (9CI) (CA INDEX NAME)



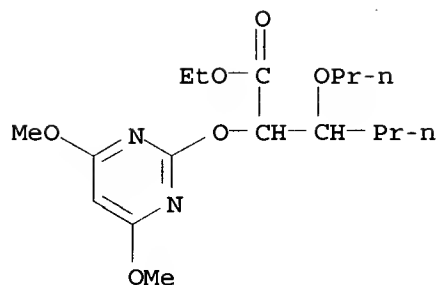
RN 142412-08-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-propoxy- (9CI)  
(CA INDEX NAME)



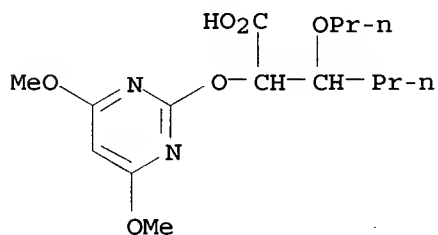
RN 142412-09-7 CAPLUS

CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-propoxy-,  
ethyl ester (9CI) (CA INDEX NAME)



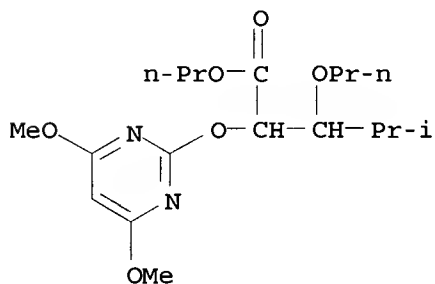
RN 142412-10-0 CAPLUS

CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-propoxy- (9CI)  
(CA INDEX NAME)



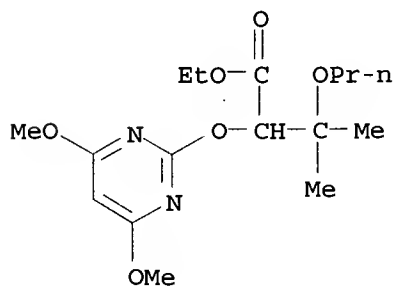
RN 142412-11-1 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-methyl-3-propoxy-, propyl ester (9CI) (CA INDEX NAME)



RN 142412-12-2 CAPLUS

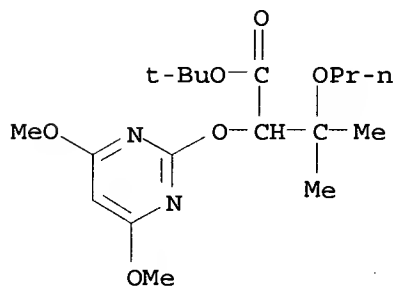
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-propoxy-, ethyl ester (9CI) (CA INDEX NAME)





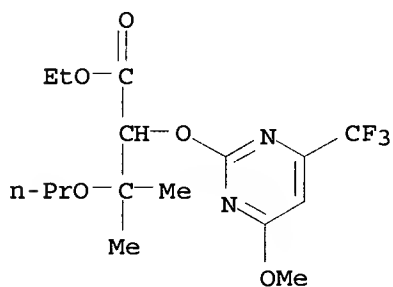
RN 142412-13-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-propoxy-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



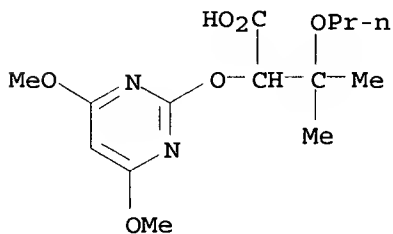
RN 142412-14-4 CAPLUS

CN Butanoic acid, 2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]-3-methyl-3-propoxy-, ethyl ester (9CI) (CA INDEX NAME)



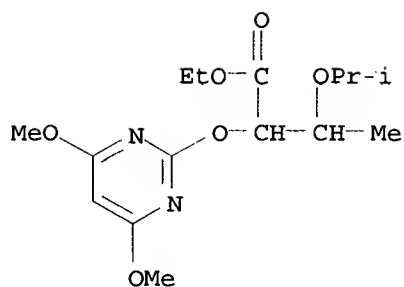
RN 142412-15-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



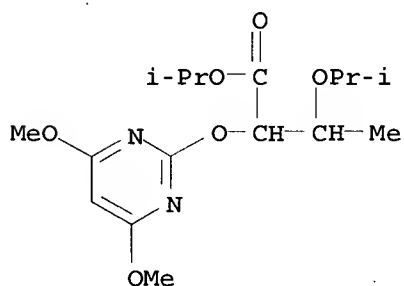
RN 142412-16-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



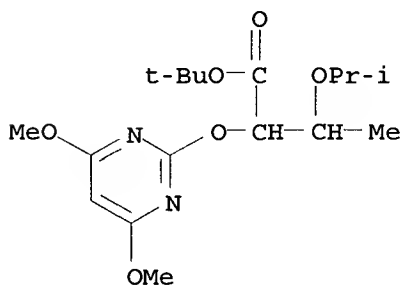
RN 142412-17-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, 1-methylethyl ester (9CI) (CA INDEX NAME)



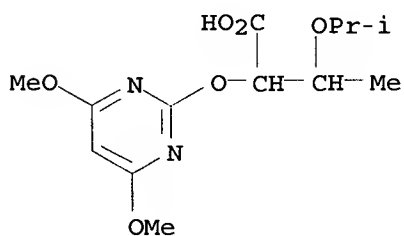
RN 142412-18-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



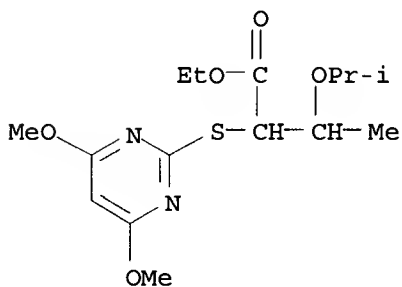
RN 142412-19-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



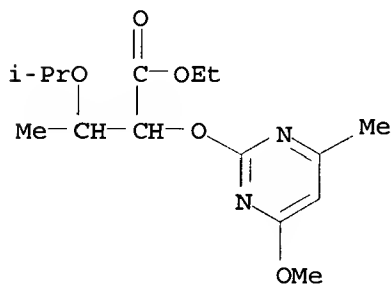
RN 142412-20-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



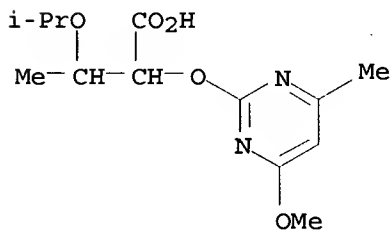
RN 142412-21-3 CAPLUS

CN Butanoic acid, 2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



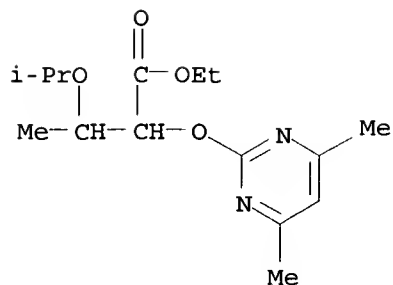
RN 142412-22-4 CAPLUS

CN Butanoic acid, 2-[(4-methoxy-6-methyl-2-pyrimidinyl)oxy]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



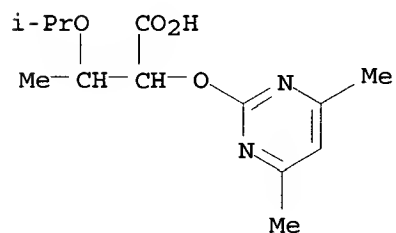
RN 142412-23-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



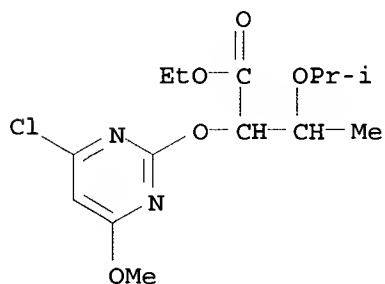
RN 142412-24-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)oxy]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



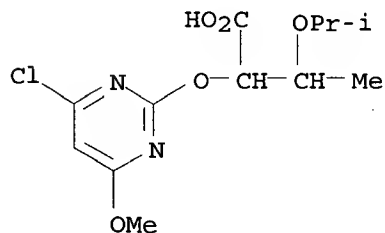
RN 142412-25-7 CAPLUS

CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



RN 142412-26-8 CAPLUS

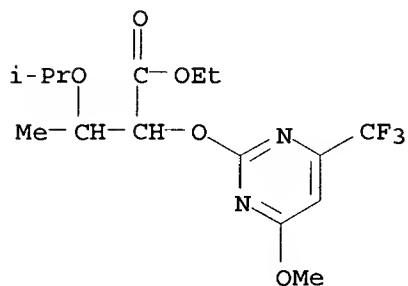
CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



RN 142412-27-9 CAPLUS

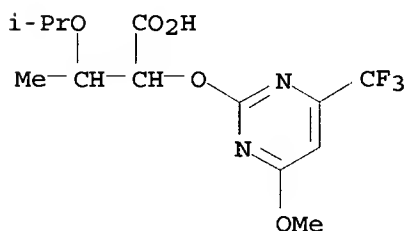
CN Butanoic acid, 2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]-

3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



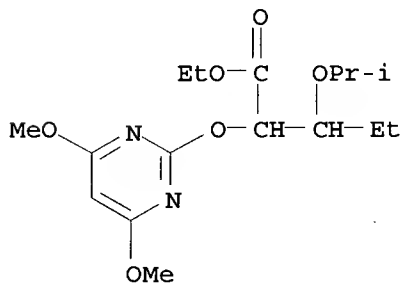
RN 142412-28-0 CAPLUS

CN Butanoic acid, 2-[[4-methoxy-6-(trifluoromethyl)-2-pyrimidinyl]oxy]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



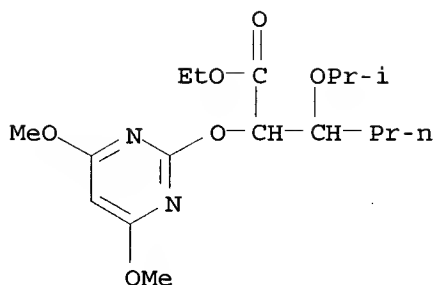
RN 142412-29-1 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



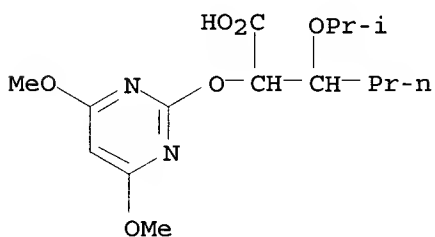
RN 142412-30-4 CAPLUS

CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



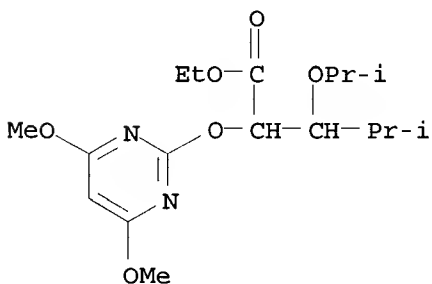
RN 142412-31-5 CAPLUS

CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



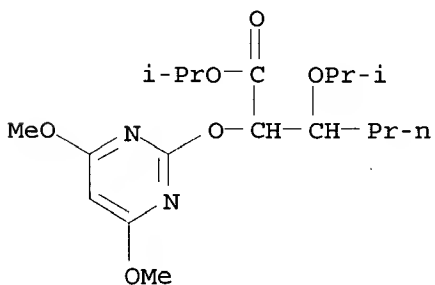
RN 142412-32-6 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-4-methyl-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



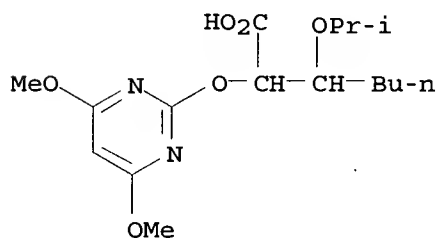
RN 142412-33-7 CAPLUS

CN Hexanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)-, 1-methylethyl ester (9CI) (CA INDEX NAME)



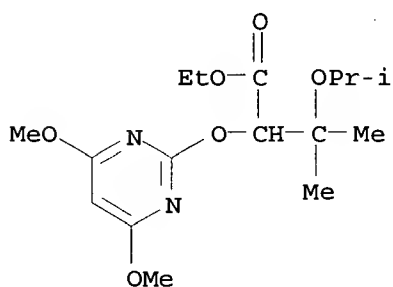
RN 142412-34-8 CAPLUS

CN Heptanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



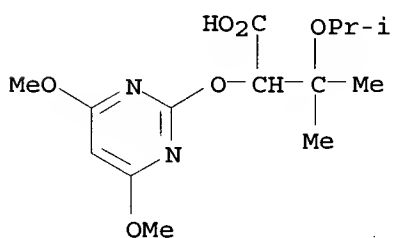
RN 142412-35-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



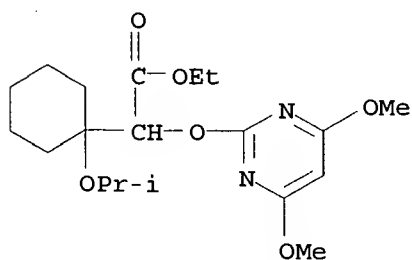
RN 142412-36-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



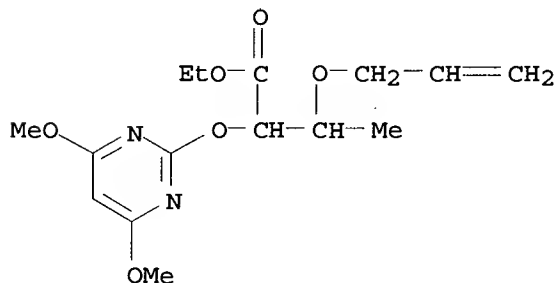
RN 142412-37-1 CAPLUS

CN Cyclohexaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-(1-methylethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



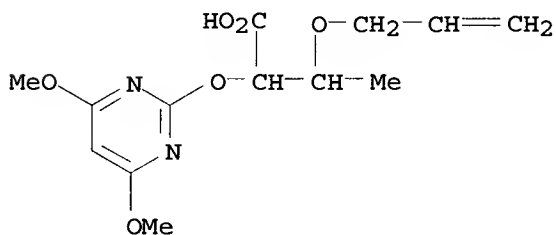
RN 142412-38-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-propenyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



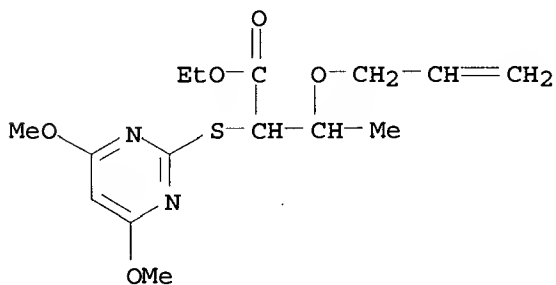
RN 142412-39-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-propenyloxy)- (9CI) (CA INDEX NAME)



RN 142412-40-6 CAPLUS

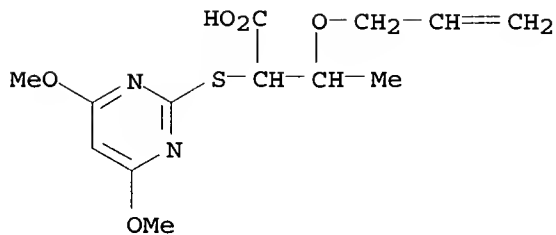
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-(2-propenyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



RN 142412-41-7 CAPLUS

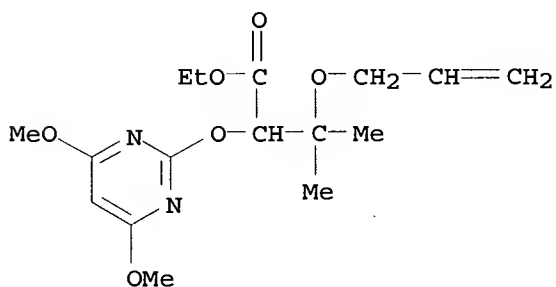
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-(2-propenyloxy)- (9CI) (CA INDEX NAME)





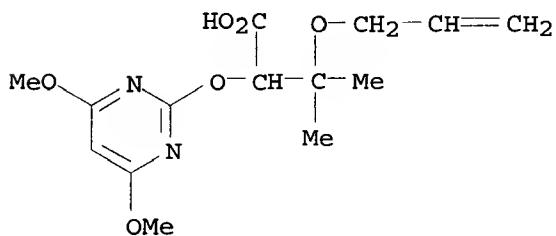
RN 142412-42-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-propenyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



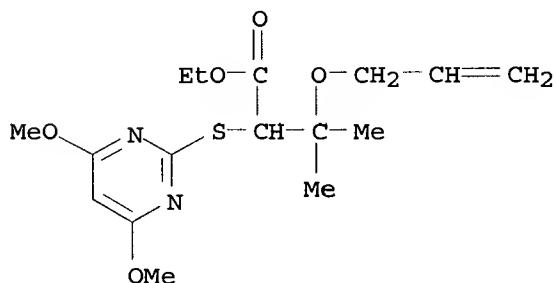
RN 142412-43-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-propenyloxy)- (9CI) (CA INDEX NAME)



RN 142412-44-0 CAPLUS

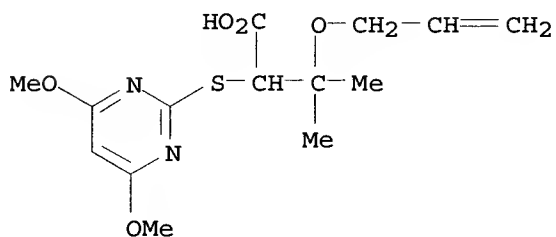
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-(2-propenyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



RN 142412-45-1 CAPLUS

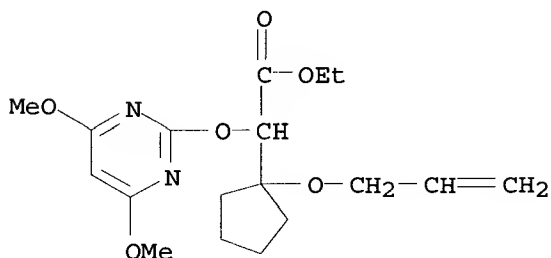
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-(2-

propenyloxy) - (9CI) (CA INDEX NAME)



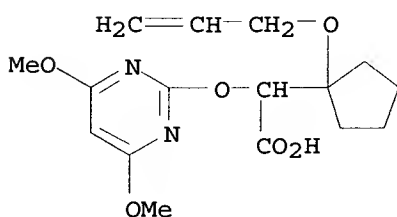
RN 142412-46-2 CAPLUS

CN Cyclopentaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-(2-propenyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



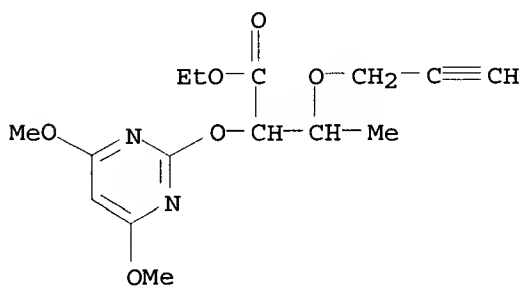
RN 142412-47-3 CAPLUS

CN Cyclopentaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-(2-propenyloxy)- (9CI) (CA INDEX NAME)



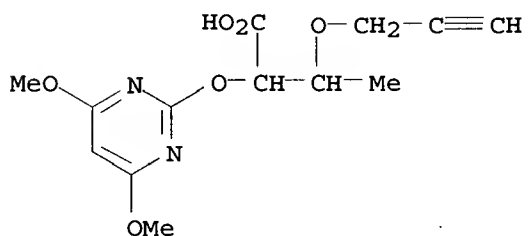
RN 142412-48-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-propenyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



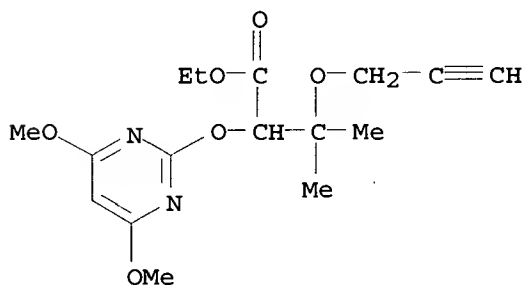
RN 142412-49-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



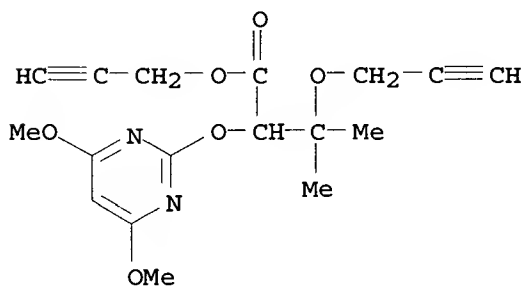
RN 142412-50-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-propynyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



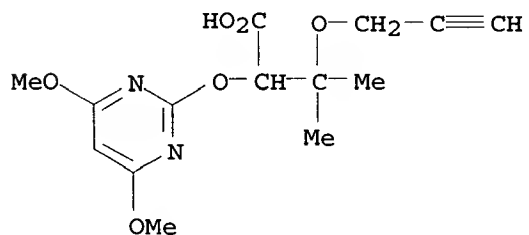
RN 142412-51-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-propynyloxy)-, 2-propynyl ester (9CI) (CA INDEX NAME)



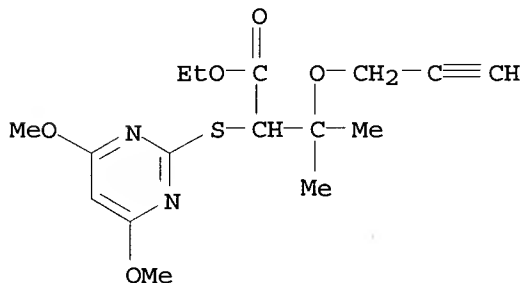
RN 142412-52-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



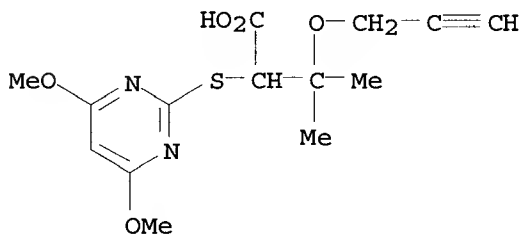
RN 142412-53-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-(2-propynyloxy)-, ethyl ester (9CI) (CA INDEX NAME)



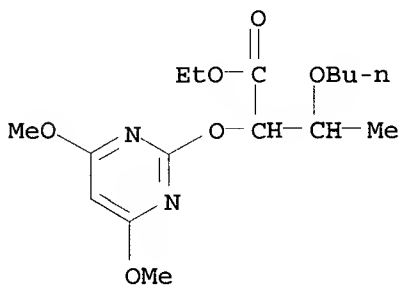
RN 142412-54-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



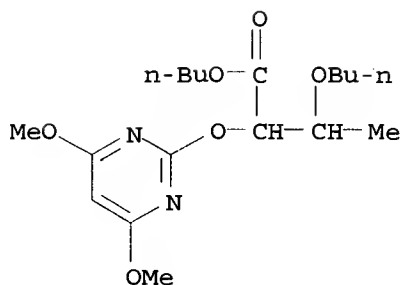
RN 142412-55-3 CAPLUS

CN Butanoic acid, 3-butoxy-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



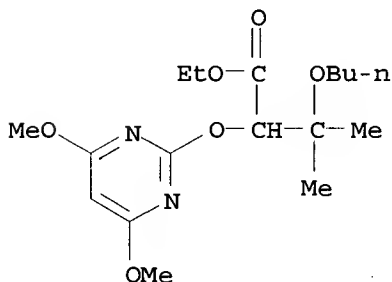
RN 142412-56-4 CAPLUS

CN Butanoic acid, 3-butoxy-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, butyl ester (9CI) (CA INDEX NAME)



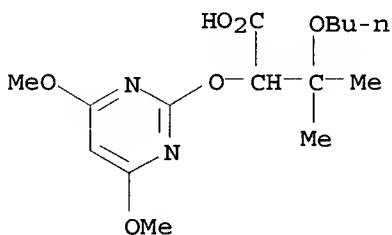
RN 142412-57-5 CAPLUS

CN Butanoic acid, 3-butoxy-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



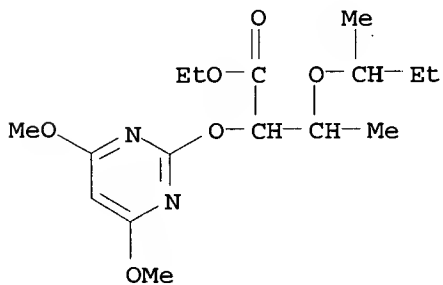
RN 142412-58-6 CAPLUS

CN Butanoic acid, 3-butoxy-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



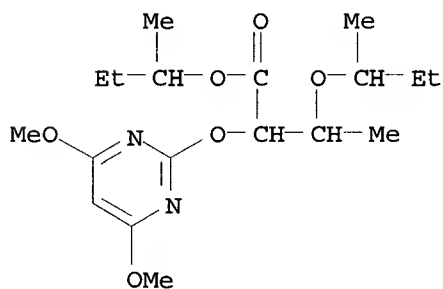
RN 142412-59-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylpropoxy)-, ethyl ester (9CI) (CA INDEX NAME)



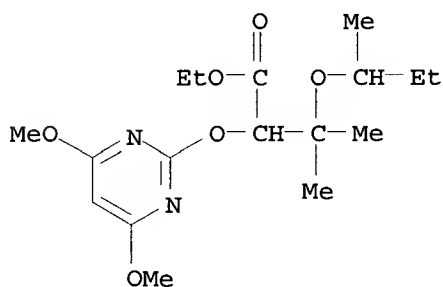
RN 142412-60-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(1-methylpropoxy)-, 1-methylpropyl ester (9CI) (CA INDEX NAME)



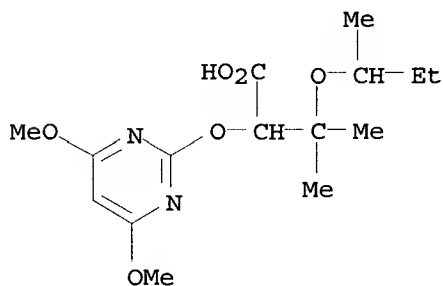
RN 142412-61-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(1-methylpropoxy)-, ethyl ester (9CI) (CA INDEX NAME)



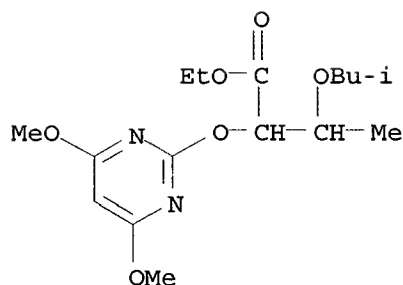
RN 142412-62-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(1-methylpropoxy)- (9CI) (CA INDEX NAME)



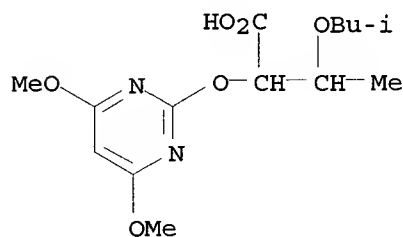
RN 142412-63-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-methylpropoxy)-, ethyl ester (9CI) (CA INDEX NAME)



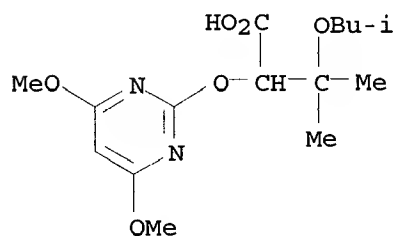
RN 142412-64-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2-methylpropoxy)- (9CI) (CA INDEX NAME)



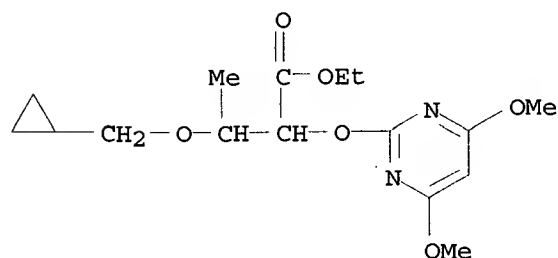
RN 142412-65-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-methylpropoxy)- (9CI) (CA INDEX NAME)



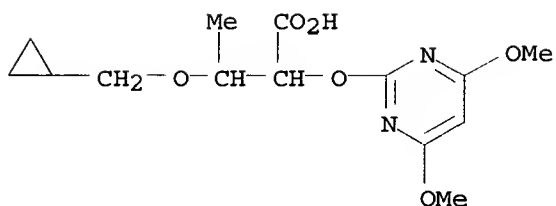
RN 142412-66-6 CAPLUS

CN Butanoic acid, 3-(cyclopropylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



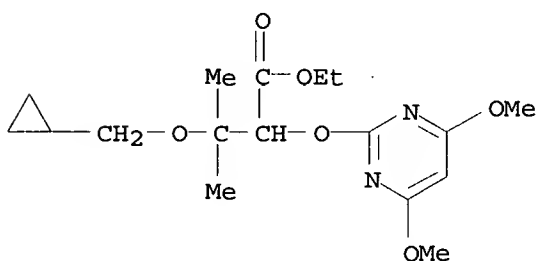
RN 142412-67-7 CAPLUS

CN Butanoic acid, 3-(cyclopropylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



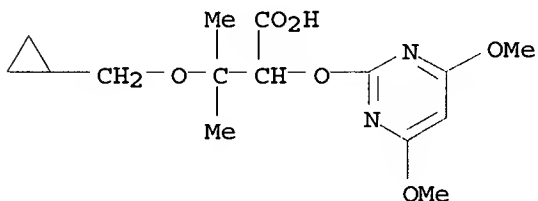
RN 142412-68-8 CAPLUS

CN Butanoic acid, 3-(cyclopropylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



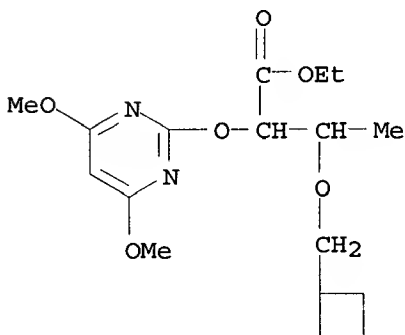
RN 142412-69-9 CAPLUS

CN Butanoic acid, 3-(cyclopropylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



RN 142412-70-2 CAPLUS

CN Butanoic acid, 3-(cyclobutylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-; ethyl ester (9CI) (CA INDEX NAME)

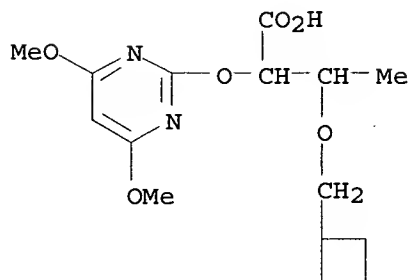


RN 142412-71-3 CAPLUS

CN Butanoic acid, 3-(cyclobutylmethoxy)-2-[(4,6-dimethoxy-2-

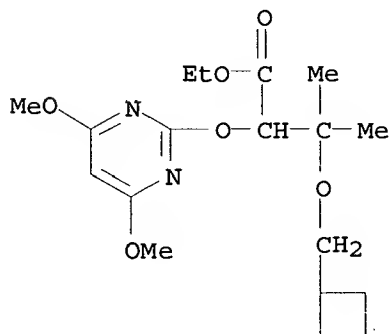


pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



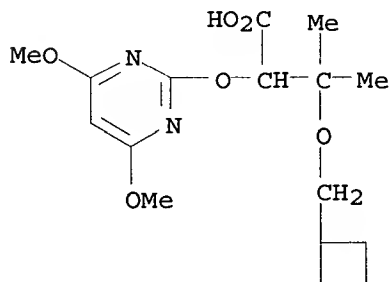
RN 142412-72-4 CAPLUS

CN Butanoic acid, 3-(cyclobutylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



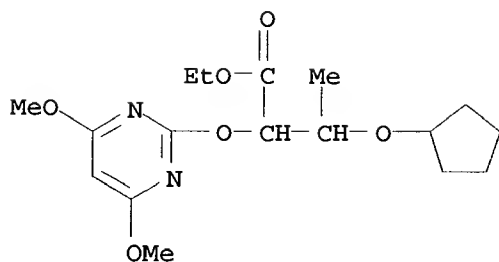
RN 142412-73-5 CAPLUS

CN Butanoic acid, 3-(cyclobutylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



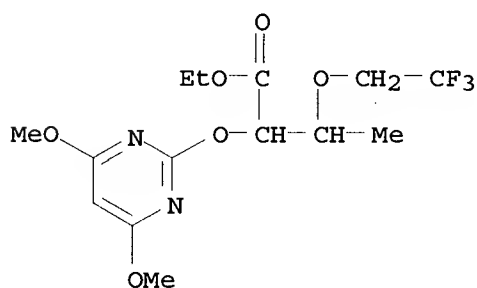
RN 142412-74-6 CAPLUS

CN Butanoic acid, 3-(cyclopentylmethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



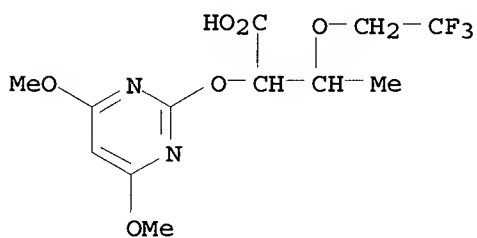
RN 142412-75-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2,2,2-trifluoroethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



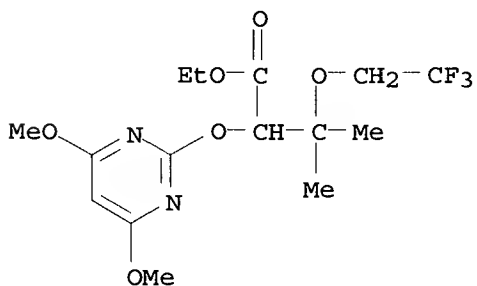
RN 142412-76-8 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



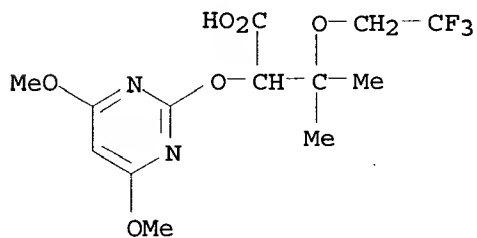
RN 142412-77-9 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2,2,2-trifluoroethoxy)-, ethyl ester (9CI) (CA INDEX NAME)



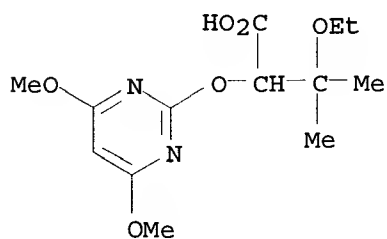
RN 142412-78-0 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



RN 142412-79-1 CAPLUS

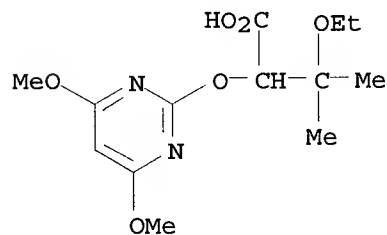
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, sodium salt (9CI) (CA INDEX NAME)



● Na

RN 142412-80-4 CAPLUS

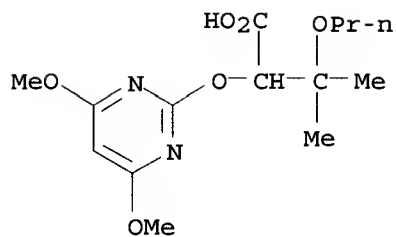
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-3-methyl-, ammonium salt (9CI) (CA INDEX NAME)



● NH<sub>3</sub>

RN 142412-81-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-propoxy-, sodium salt (9CI) (CA INDEX NAME)



● Na

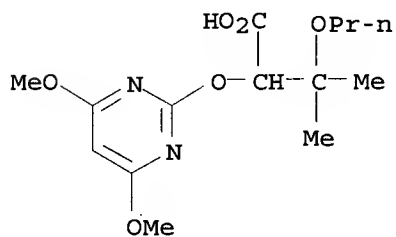
RN 142412-82-6 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-propoxy-, compd. with 2-propanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 142412-15-5

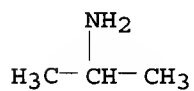
CMF C14 H22 N2 O6



CM 2

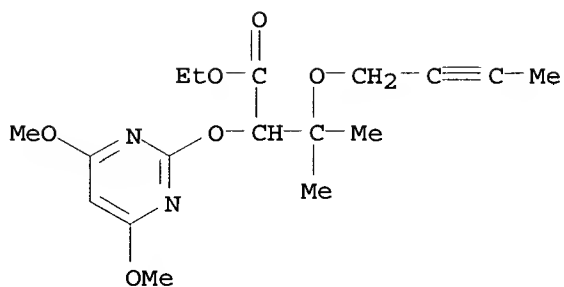
CRN 75-31-0

CMF C3 H9 N



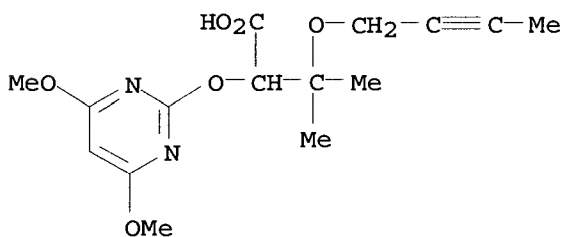
RN 142412-83-7 CAPLUS

CN Butanoic acid, 3-(2-butynyloxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



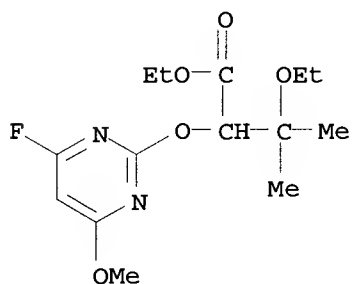
RN 142412-84-8 CAPLUS

CN Butanoic acid, 3-(2-butynyloxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



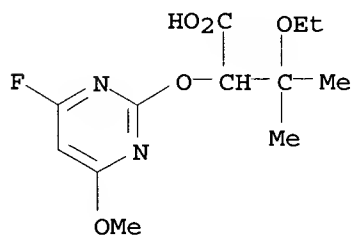
RN 142412-85-9 CAPLUS

CN Butanoic acid, 3-ethoxy-2-[(4-fluoro-6-methoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 142412-86-0 CAPLUS

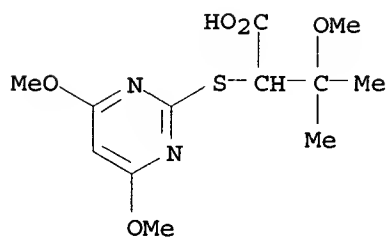
CN Butanoic acid, 3-ethoxy-2-[(4-fluoro-6-methoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



RN 142412-87-1 CAPLUS

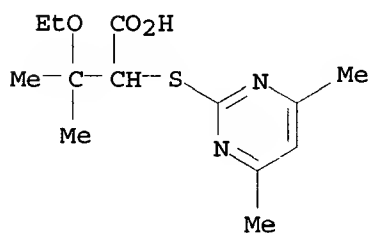
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methoxy-3-

methyl- (9CI) (CA INDEX NAME)



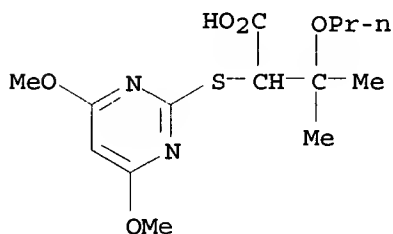
RN 142412-88-2 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethyl-2-pyrimidinyl)thio]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



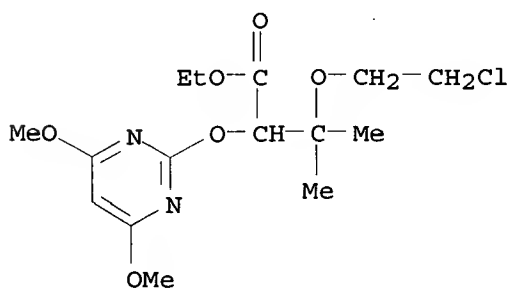
RN 142412-89-3 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-propoxy- (9CI) (CA INDEX NAME)



RN 142412-90-6 CAPLUS

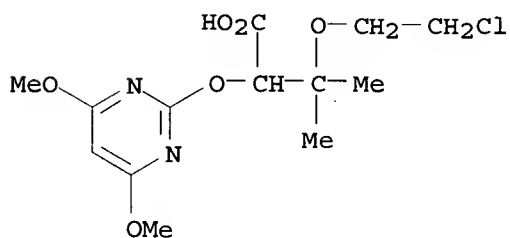
CN Butanoic acid, 3-(2-chloroethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 142412-91-7 CAPLUS

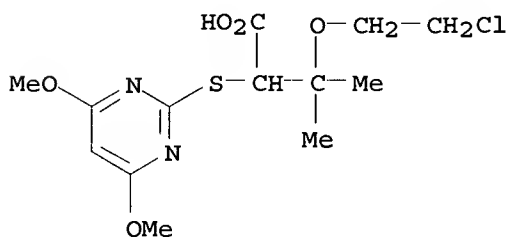
CN Butanoic acid, 3-(2-chloroethoxy)-2-[(4,6-dimethoxy-2-

pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



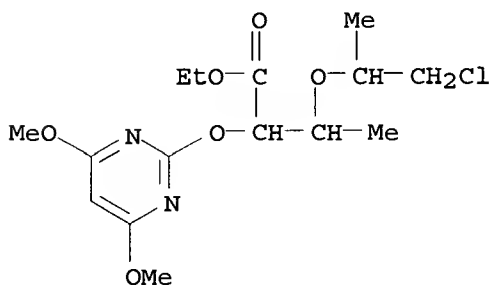
RN 142412-92-8 CAPLUS

CN Butanoic acid, 3-(2-chloroethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl- (9CI) (CA INDEX NAME)



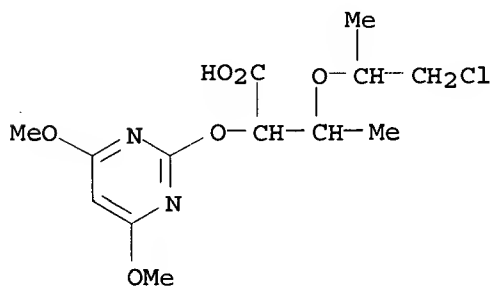
RN 142412-93-9 CAPLUS

CN Butanoic acid, 3-(2-chloro-1-methylethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



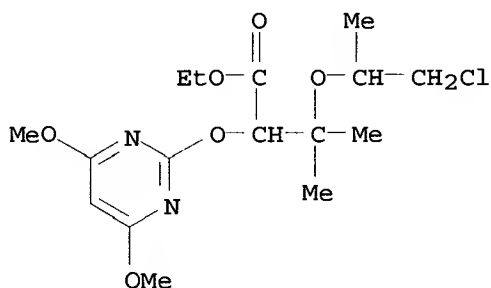
RN 142412-94-0 CAPLUS

CN Butanoic acid, 3-(2-chloro-1-methylethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



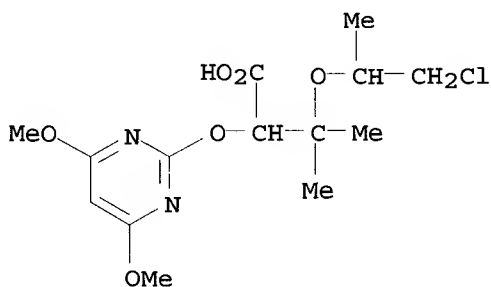
RN 142412-95-1 CAPLUS

CN Butanoic acid, 3-(2-chloro-1-methylethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



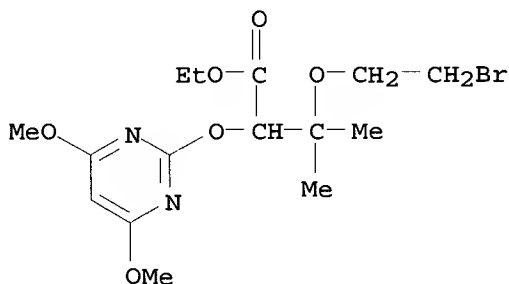
RN 142412-96-2 CAPLUS

CN Butanoic acid, 3-(2-chloro-1-methylethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



RN 142412-97-3 CAPLUS

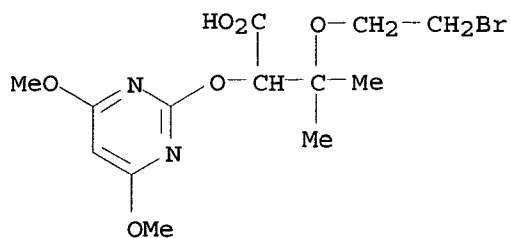
CN Butanoic acid, 3-(2-bromoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 142412-98-4 CAPLUS

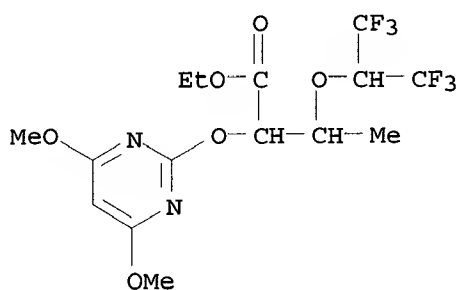
CN Butanoic acid, 3-(2-bromoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)





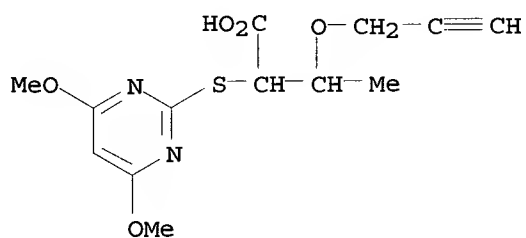
RN 142412-99-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



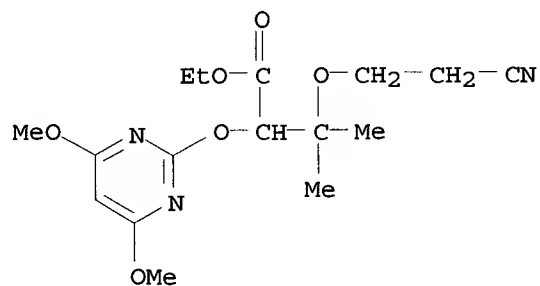
RN 142413-00-1 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



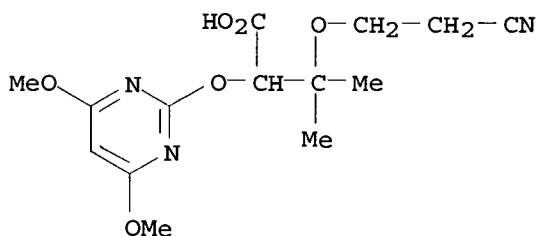
RN 142413-01-2 CAPLUS

CN Butanoic acid, 3-(2-cyanoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



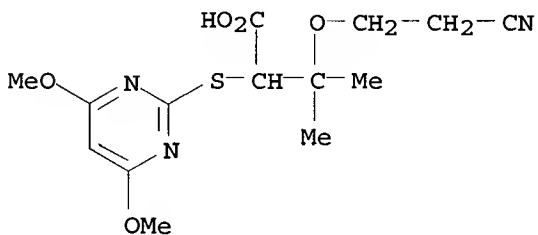
RN 142413-02-3 CAPLUS

CN Butanoic acid, 3-(2-cyanoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



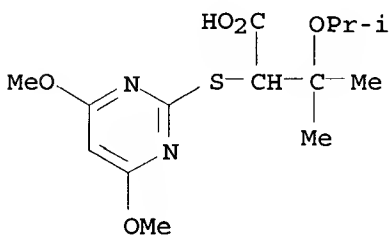
RN 142413-03-4 CAPLUS

CN Butanoic acid, 3-(2-cyanoethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl- (9CI) (CA INDEX NAME)



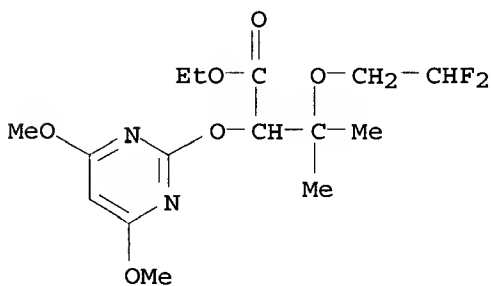
RN 142413-04-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



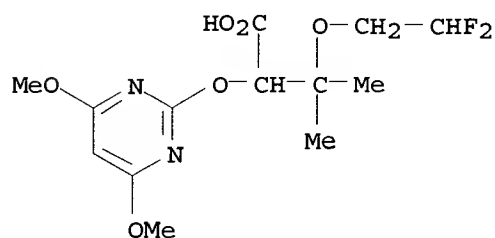
RN 142413-05-6 CAPLUS

CN Butanoic acid, 3-(2,2-difluoroethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



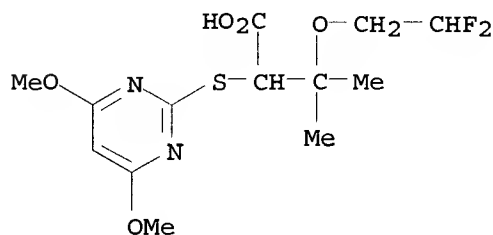
RN 142413-06-7 CAPLUS

CN Butanoic acid, 3-(2,2-difluoroethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl- (9CI) (CA INDEX NAME)



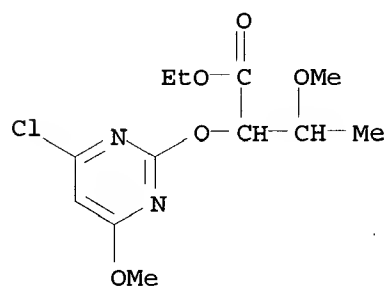
RN 142413-07-8 CAPLUS

CN Butanoic acid, 3-(2,2-difluoroethoxy)-2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-methyl- (9CI) (CA INDEX NAME)



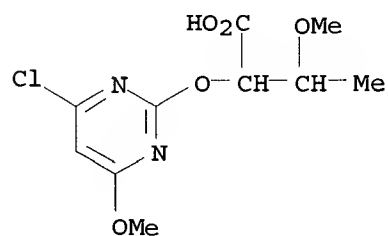
RN 142430-08-8 CAPLUS

CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



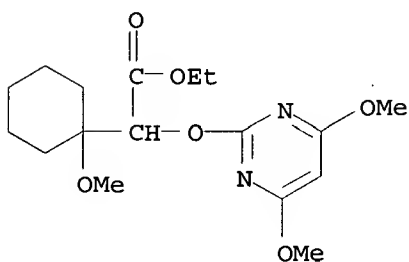
RN 142430-09-9 CAPLUS

CN Butanoic acid, 2-[(4-chloro-6-methoxy-2-pyrimidinyl)oxy]-3-methoxy- (9CI) (CA INDEX NAME)



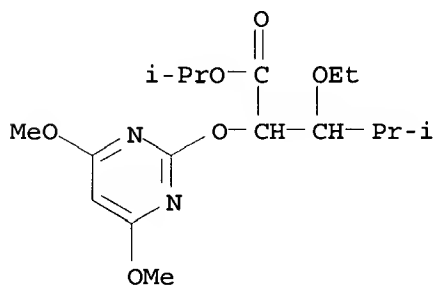
RN 142430-10-2 CAPLUS

CN Cyclohexaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



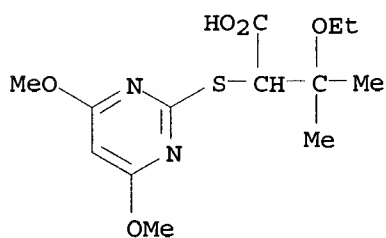
RN 142430-11-3 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-ethoxy-4-methyl-, 1-methylethyl ester (9CI) (CA INDEX NAME)



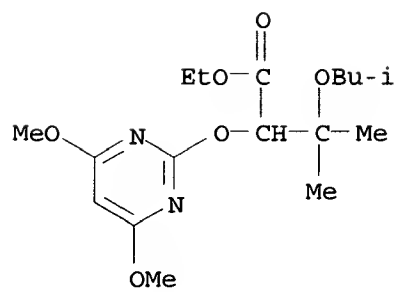
RN 142430-12-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)thio]-3-ethoxy-3-methyl- (9CI) (CA INDEX NAME)



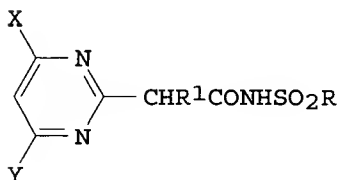
RN 142430-13-5 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-3-(2-methylpropoxy)-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 23

L25 ANSWER 23 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1992:402825 CAPLUS  
 DN 117:2825  
 TI Preparation of N-sulfonamides as herbicides  
 IN Toyabe, Keiji; Yoshimura, Takumi; Masuda, Katsumi; Yoshida, Ryo  
 PA Kumiai Kagaku Kogyo K. K., Japan; Ihara Chemical Kogyo K. K.  
 SO Jpn. Kokai Tokkyo Koho, 14 pp.  
 CODEN: JKXXAF  
 PI JP 04054168 A2 920221 Heisei  
 AI JP 90-166271 900625  
 DT Patent  
 LA Japanese  
 OS MARPAT 117:2825  
 GI



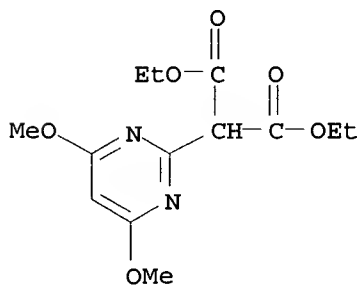
AB Herbicides contain N-sulfonamides I [R = (halo)alkyl, (un)substituted Ph; R1 = H, alkyl, (halo)alkenyl, cycloalkyl, cycloalkenyl, cycloalkylalkyl, (un)substituted Ph; X, Y = alkyl, (halo)alkoxy, halo] or their salts as active ingredients. MeSO2NH2 was treated with NaH in DMF at room temp. for 1 h, followed by treatment with 2-(4,6-dimethoxy-2-pyrimidinyl)-3-methylbutyrylimidazole (prepn. given) at room temp. for 1 h to give 76.8% I (R = Me, R1 = Me2CH, X = Y = OMe), which, at 100 g/10 are, showed almost complete control of Echinochloa crus-galli oryzicola, Monochoria vaginalis, and Scirpus juncoides. Formulation examples are given.

IT 141891-89-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. and reaction of, in prepn. of herbicides)

RN 141891-89-6 CAPLUS

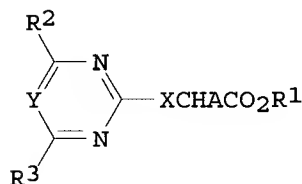
CN Propanedioic acid, (4,6-dimethoxy-2-pyrimidinyl)-, diethyl ester  
 (9CI) (CA INDEX NAME)





=> d bib abs hitstr 125 24

L25 ANSWER 24 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1991:429369 CAPLUS  
DN 115:29369  
TI Preparation of 2-aryl-2-(2-pyrimidinylloxy)acetates and analogs as  
agrochemicals  
IN Wegner, Peter; Harde, Christoph; Nordhoff, Erhard; Krueger, Anita;  
Krueger, Gabriele; Tarara, Gerhard; Heinrich, Nikolaus; Rees,  
Richard; Johann, Gerhard; Koetter, Clemens  
PA Schering A.-G., Fed. Rep. Ger.  
SO Eur. Pat. Appl., 26 pp.  
CODEN: EPXXDW  
PI EP 409368 A2 910123  
DS R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE  
AI EP 90-250184 900719  
PRAI DE 89-3924259 890719  
DE 90-4009481 900322  
DT Patent  
LA German  
OS MARPAT 115:29369  
GI

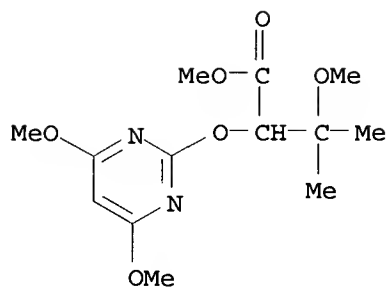


AB The title compds. [I; A = (halo)alkyl, alkenyl, cycloalkyl, PhCH<sub>2</sub>, (un)substituted Ph, pyridyl, naphthyl, etc.; R<sub>1</sub> = H, alkyl, PhCH<sub>2</sub>; R<sub>2</sub>, R<sub>3</sub> = alkyl, alkoxy, alkylthio, (di)alkylamino, halo; X = O, S; Y = CH, N] were prepd. as agrochem. fungicides, herbicides, and plant growth regulators. Thus, MeSO<sub>2</sub>OR (R = 4,6-dimethoxypyrimidinyl) was condensed with HSCH<sub>2</sub>CO<sub>2</sub>Me and the product condensed with CH<sub>2</sub>:CHCH<sub>2</sub>Br to give CH<sub>2</sub>:CHCH<sub>2</sub>CH(OR)CO<sub>2</sub>Me. ROCHPhCO<sub>2</sub>Me gave 75-89% control of 5 weeds (e.g. Abutilon theophrasti) at 1.0 kg/ha postemergent.

IT 134433-09-3P 134433-11-7P 134433-16-2P  
134433-17-3P 134433-20-8P 134433-24-2P  
134433-27-5P 134433-28-6P 134461-60-2P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of, as agrochem.)

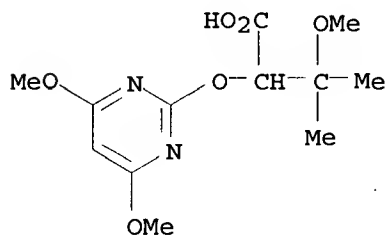
RN 134433-09-3 CAPLUS  
CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl-, methyl ester (9CI) (CA INDEX NAME)





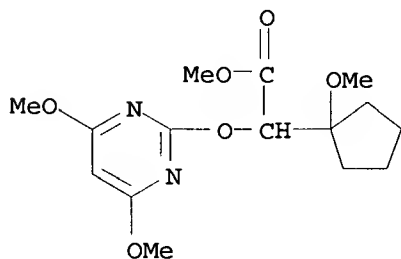
RN 134433-11-7 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-methyl- (9CI) (CA INDEX NAME)



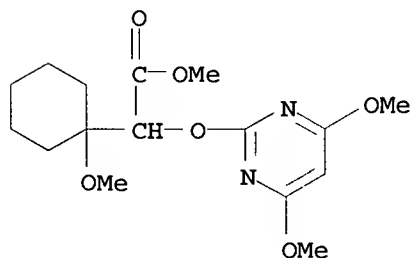
RN 134433-16-2 CAPLUS

CN Cyclopentaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 134433-17-3 CAPLUS

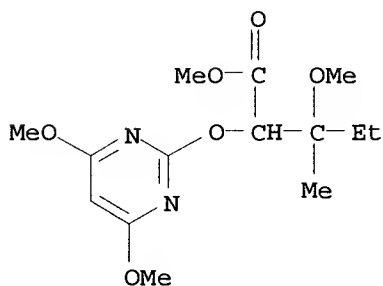
CN Cyclohexaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-1-methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 134433-20-8 CAPLUS

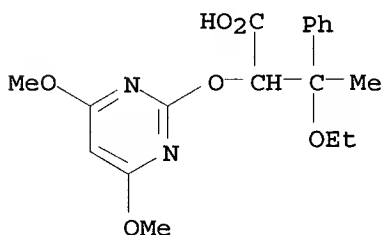
CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-

methyl-, methyl ester (9CI) (CA INDEX NAME)



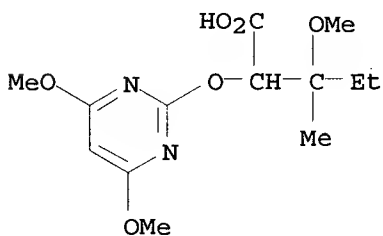
RN 134433-24-2 CAPLUS

CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
.beta.-ethoxy-.beta.-methyl- (9CI) (CA INDEX NAME)



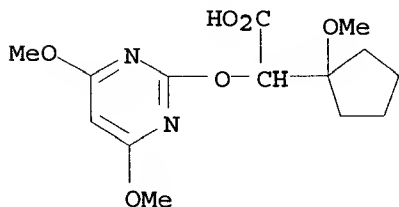
RN 134433-27-5 CAPLUS

CN Pentanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methoxy-3-  
methyl- (9CI) (CA INDEX NAME)



RN 134433-28-6 CAPLUS

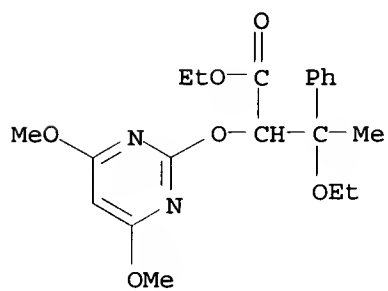
CN Cyclopentaneacetic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-  
1-methoxy- (9CI) (CA INDEX NAME)



RN 134461-60-2 CAPLUS

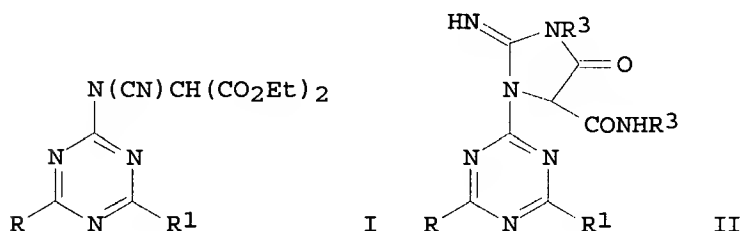
CN Benzenepropanoic acid, .alpha.-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-

.beta.-ethoxy-.beta.-methyl-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 25

L25 ANSWER 25 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1991:408741 CAPLUS  
 DN 115:8741  
 TI ~~Aminolysis and hydrazinolysis of (triazinylamino)malonates~~  
 AU Ambartsumyan, E. N.; Amasapyan, G. S.; Dovlatyan, V. V.  
 CS Arm. S-kh. Inst., Yerevan, USSR  
 SO Arm. Khim. Zh. (1990), 43(8), 529-32  
 CODEN: AYKZAN; ISSN: 0515-9628  
 DT Journal  
 LA Russian  
 GI



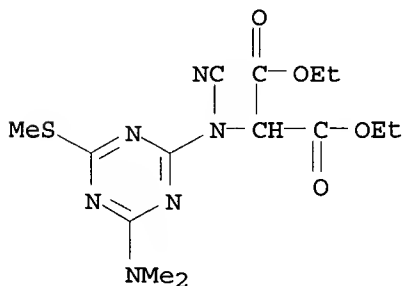
*Synthesis mg*

AB The reaction of the title compds. I (R = NMe<sub>2</sub>, SMe, OMe, Cl; R<sub>1</sub> = NMe<sub>2</sub>, NH<sub>2</sub>) with NH<sub>2</sub>NH<sub>2</sub> or R<sub>2</sub>NH<sub>2</sub> (R<sub>2</sub> = H, Me) gives imidazolidine derivs. II (R<sub>3</sub> = NH<sub>2</sub>, R<sub>2</sub>). The reaction of I [R = R<sub>1</sub> = NMe<sub>2</sub> (III)] with Me<sub>2</sub>NH gives the bis(dimethylamide) of III.

IT 132471-43-3  
 RL: RCT (Reactant)  
 (aminolysis and hydrazinolysis of)

RN 132471-43-3 CAPLUS

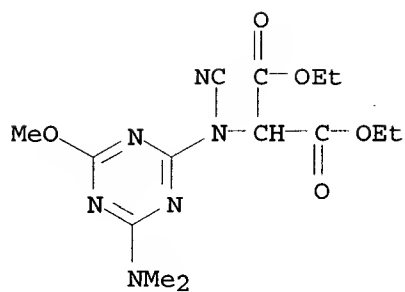
CN Propanedioic acid, [cyano[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]amino]-, diethyl ester (9CI) (CA INDEX NAME)



IT 132471-42-2 132471-44-4 132471-45-5  
 RL: RCT (Reactant)  
 (aminolysis of)

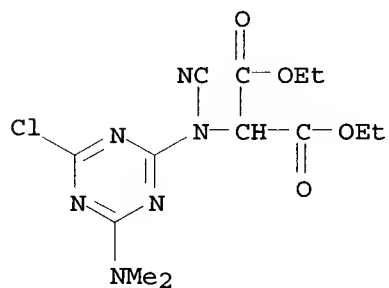
RN 132471-42-2 CAPLUS

CN Propanedioic acid, [cyano[4-(dimethylamino)-6-methoxy-1,3,5-triazin-2-yl]amino]-, diethyl ester (9CI) (CA INDEX NAME)



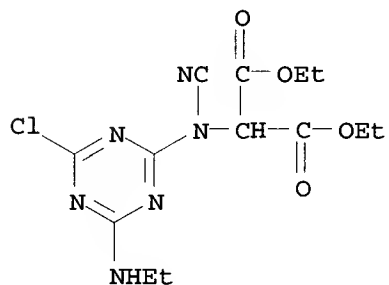
RN 132471-44-4 CAPLUS

CN Propanedioic acid, [[4-chloro-6-(dimethylamino)-1,3,5-triazin-2-yl]cyanoamino]-, diethyl ester (9CI) (CA INDEX NAME)



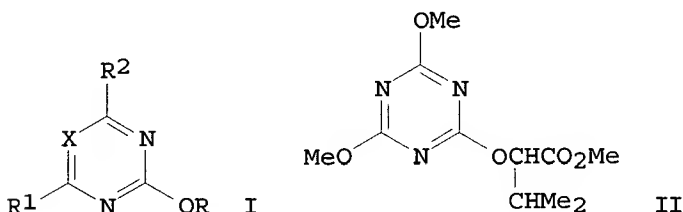
RN 132471-45-5 CAPLUS

CN Propanedioic acid, [[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl]cyanoamino]-, diethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 26

L25 ANSWER 26 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1991:185569 CAPLUS  
DN 114:185569  
TI Preparation of (pyrimidin-2-yl)oxy- and (triazin-2-yl)oxyacetates  
and analogs as herbicides  
IN Astles, David Philip; Flood, Andrew; McArthur, Alastair; Newton,  
Trevor William; Spencer, John Eric; Hunter, David Calum; Hopwood,  
William John  
PA Shell Internationale Research Maatschappij B. V., Neth.  
SO Eur. Pat. Appl., 75 pp.  
CODEN: EPXXDW  
PI EP 400741 A1 901205  
DS R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE  
AI EP 90-201334 900523  
PRAI GB 89-12700 890602  
DT Patent  
LA English  
OS MARPAT 114:185569  
GI

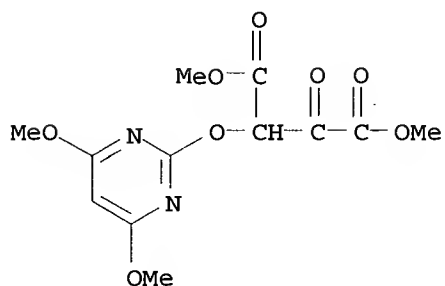


AB The title compds. [I; R = CHR<sup>3</sup>R<sup>4</sup>, C(:CR<sup>9</sup>R<sup>10</sup>)R<sup>4</sup>; X = N, CR<sup>5</sup>; R<sup>1</sup>, R<sup>2</sup>, R<sup>5</sup> = H, halo, formyl, cyano, carboxy, azido, (un)substituted (cyclo)alkyl, alkenyl, alkynyl, alkoxy, aryloxy, alkylthio, alkylcarbonyl, amino, etc.; R<sup>3</sup> = H, an (un)substituted (cyclo)alkyl, alkenyl, alkynyl, aryl, heterocyclyl, COR<sup>8</sup>; R<sup>4</sup> = COR<sup>6</sup>; R<sup>6</sup> = H, halo, HO, (un)substituted (cyclo)alkoxy, alkenyloxy, alkynyloxy, aryloxy, alkylthio, amino, OR<sup>7</sup>, etc.; R<sup>7</sup> = (un)substituted heterocyclyl; R<sup>8</sup> = HO, alkoxy, carboxy, amino, etc.; R<sup>9</sup>, R<sup>10</sup> = H, alkyl; a proviso was given] or their carboxylic acid salts were prepd. A mixt. of 2-chloro-4,6-dimethoxytriazine 2.0, Me 2-hydroxy-3-methylbutanoate (prepn. from D,L-valine given) 1.5, and K<sub>2</sub>CO<sub>3</sub> 1.73 g in 50 mL MeCOEt was refluxed overnight to give 1.93 g title compd. II. The latter at 10 kg/ha in a soil drench postemergence test gave 90% kill of Escherichia crus-galli with no damage of soya bean and maize. In a preemergence test, 5 kg II/ha gave no damage to linseed, soya bean, or maize with 90% kill of Escherichia crus-galli and Sinapsis alba, but also of rice. Some 168 I were prepd. and tested with 8 plants.

IT 133458-68-1P 133458-69-2P 133459-00-4P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of, as herbicide)

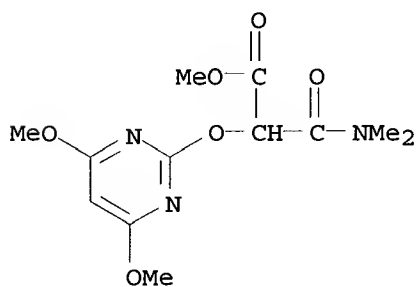
RN 133458-68-1 CAPLUS  
CN Butanedioic acid, [(4,6-dimethoxy-2-pyrimidinyl)oxy]oxo-, dimethyl

ester (9CI) (CA INDEX NAME)



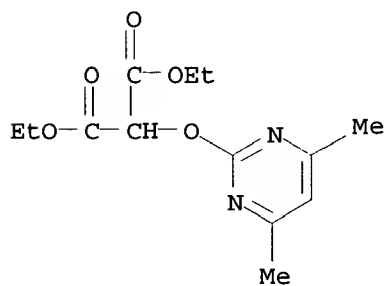
RN 133458-69-2 CAPLUS

CN Propanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-(dimethylamino)-3-oxo-, methyl ester (9CI) (CA INDEX NAME)



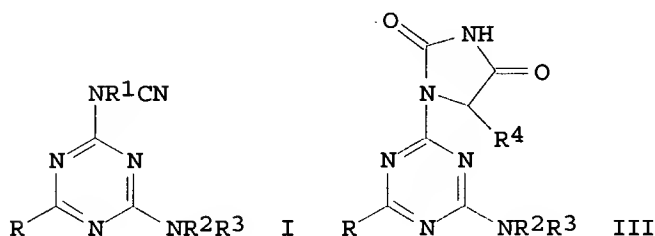
RN 133459-00-4 CAPLUS

CN Propanedioic acid, [(4,6-dimethyl-2-pyrimidinyl)oxy]-, diethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 27

L25 ANSWER 27 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1991:122170 CAPLUS  
 DN 114:122170  
 TI ~~Synthesis and~~ reactions of (triazinylamino)malonic esters  
 AU Dovlatyan, V. V.; Ambartsumyan, E. N.; Amazaspyan, G. S.  
 CS Arm. S-kh. Inst., Yerevan, USSR  
 SO Arm. Khim. Zh. (1990), 43(4), 267-71  
 CODEN: AYKZAN; ISSN: 0515-9628  
 DT Journal  
 LA Russian  
 GI



*synthesis*

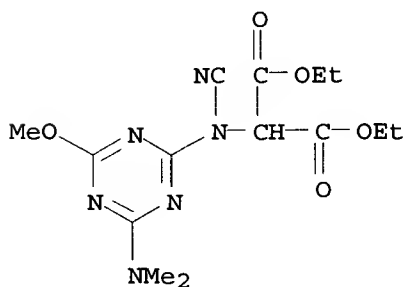
AB The alkylation of triazinylamine salts (I; R = NMe<sub>2</sub>; OMe, SMe, Cl; R<sub>1</sub> = K; R<sub>2</sub> = R<sub>3</sub> = Me and R<sub>2</sub> = H, R<sub>3</sub> = Et) with EtO<sub>2</sub>CCHBrCO<sub>2</sub>Et gives the title compds. [I; R<sub>1</sub> = CH(CO<sub>2</sub>Et)<sub>2</sub>; II] in 80-96% yield. The acid or base hydrolysis of (II) is accompanied by intramol. cyclization to give imidazolidinyl derivs., e.g., (III; R<sub>4</sub> = H, CO<sub>2</sub>Et) in good yields.

IT 132471-42-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. and intramol. cyclization of, upon hydrolysis)

RN 132471-42-2 CAPLUS

CN Propanedioic acid, [cyano[4-(dimethylamino)-6-methoxy-1,3,5-triazin-2-yl]amino]-, diethyl ester (9CI) (CA INDEX NAME)



IT 132471-43-3P 132471-44-4P 132471-45-5P

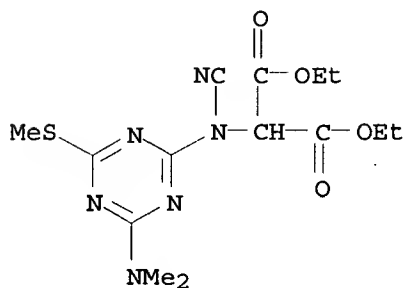
RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)

RN 132471-43-3 CAPLUS

CN Propanedioic acid, [cyano[4-(dimethylamino)-6-(methylthio)-1,3,5-

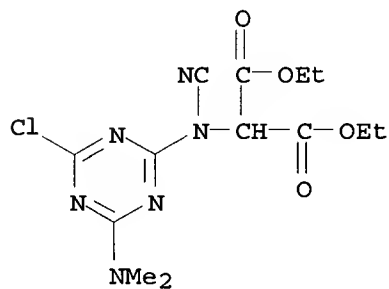


triazin-2-yl]amino]-, diethyl ester (9CI) (CA INDEX NAME)



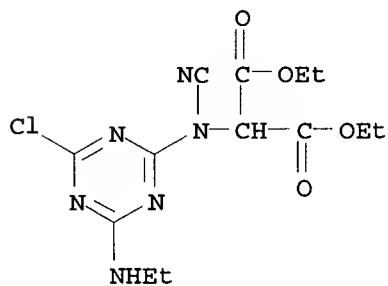
RN 132471-44-4 CAPLUS

CN Propanedioic acid, [[4-chloro-6-(dimethylamino)-1,3,5-triazin-2-yl]cyanoamino]-, diethyl ester (9CI) (CA INDEX NAME)



RN 132471-45-5 CAPLUS

CN Propanedioic acid, [[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl]cyanoamino]-, diethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 28

L25 ANSWER 28 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1990:216969 CAPLUS

DN 112:216969

TI Azinylalkanoates as herbicides

IN Kaku, Koichiro; Wada, Nobuhide; Sugiyama, Kazuhiko; Takeuchi, Akira; Toyokawa, Yasufumi; Miyazawa, Takeshige; Yoshida, Ryo

PA Kumiai Chemical Industry Co., Ltd., Japan; Ihara Chemical Industry Co., Ltd.

SO Eur. Pat. Appl., 73 pp.

CODEN: EPXXDW

PI EP 347811 A1 891227

DS R: CH, DE, FR, GB, IT, LI, NL

AI EP 89-111133 890619

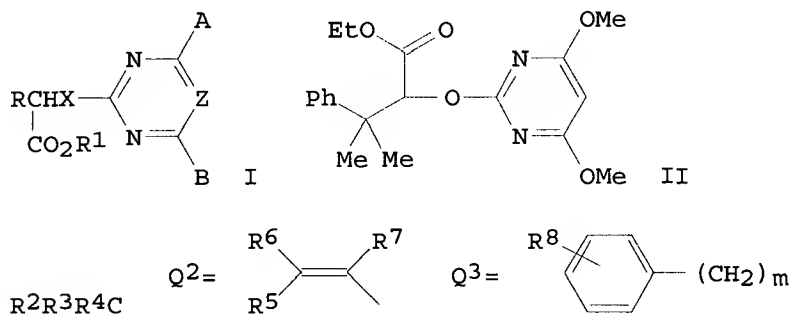
PRAI JP 88-150063 880620

DT Patent

LA English

OS MARPAT 112:216969

GI



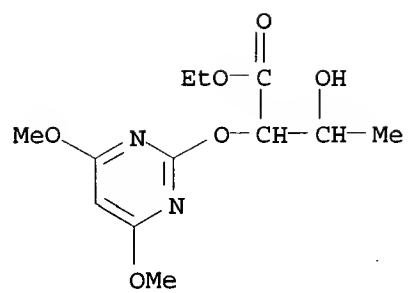
AB The title compds. [I; R = Q1, Q2, alkenyl, dihydronaphthyl, tetrahydronaphthyl, 1-oxo-1,2,3,4-tetrahydronaphthyl, epoxycycloalkyl, (substituted) indanyl; R<sub>1</sub> = H, (substituted) alkyl, alkenyl, alkynyl, Ph, amino, cycloalkyl, nitrophenylthioalkyl, halo, (substituted) benzyl; RR<sub>1</sub> = atoms to complete a ring; R<sub>2</sub>, R<sub>4</sub> = H, alkyl; R<sub>2</sub>R<sub>4</sub>C = (O-contg.) ring; R<sub>3</sub> = H, halo, (substituted) alkyl, OH, cyano, thienyl, naphthyl, dihydronaphthyl, Q<sub>3</sub>; R<sub>5</sub>, R<sub>6</sub> = H, alkyl; R<sub>7</sub> = Ph, alkyl; R<sub>8</sub> = H, halo, NO<sub>2</sub>, alkyl, alkoxy, alkylsulfonyl, etc.; A = alkyl, alkoxy, alkylthio, halo, haloalkoxy, amino; B = H, alkyl, alkoxy, haloalkoxy; X = O, S; Z = CH, N; m = 0-2], were prepd. Thus, a mixt. of Me<sub>2</sub>PhCCH(OH)CO<sub>2</sub>Et, 4,6-dimethoxy-2-methylsulfonylpyrimidine, and K<sub>2</sub>CO<sub>3</sub> in DMF was stirred 3 h at 100.degree. to give pyrimidinyloxybutyrate II. II at 40 g/are postemergent gave complete control of barnyard grass.

IT 127011-37-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of, as herbicide)

RN 127011-37-4 CAPLUS

CN Butanoic acid, 2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-hydroxy-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 29

L25 ANSWER 29 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1989:57010 CAPLUS

DN 110:57010

TI Derivatives of sym-triazine. 7. Structure and properties of triazinyl derivatives of CH-acids

AU Turchin, K. F.; Peresleni, E. M.; Sheinker, Yu. N.; Bogdanova, G. A.; Persianova, I. V.; Alekseeva, N. V.; Vakhatova, G. M.; Lapachev, V. V.; Mamaev, V. P.; Yakhontov, L. N.

CS Vses. Nauchno-Issled. Inst. im. Ordzhonikidze, Moscow, 119021, USSR

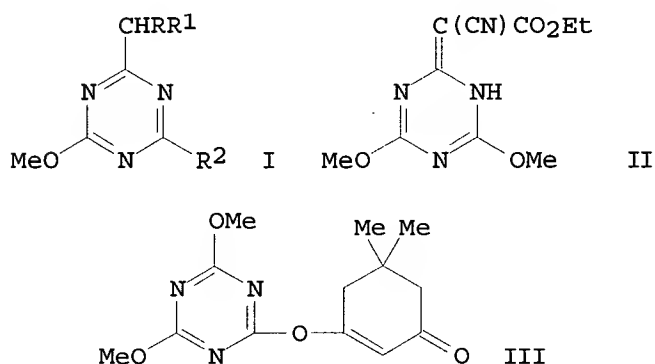
SO Khim. Geterotsikl. Soedin. (1988), (2), 241-9

CODEN: KGSSAQ; ISSN: 0453-8234

DT Journal

LA Russian

GI



AB Tautomerism in triazines I (R, R1 = CO2Et, CN; R2 = OMe, NH2) was studied by NMR and UV spectroscopy with the aid of model compds. In contrast to I (R = R1 = CO2Et; R2 = OMe, NH2), I (R = CO2Et, R1 = CN, R2 = OMe) was found only in the enamine form (II). The prepn. of (oxocyclohexenyl)oxy deriv. III was described. The pKa values of I were obtained.

IT 118622-53-0 118622-66-5

RL: PRP (Properties)

(NMR of carbon-13 and hydrogen in)

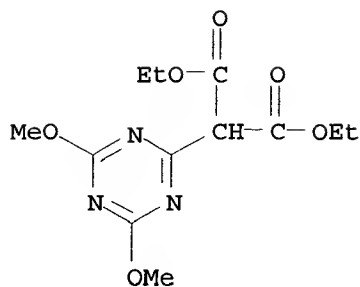
RN 118622-53-0 CAPLUS

CN Propanedioic acid, (4,6-dimethoxy-1,3,5-triazin-2-yl)-, diethyl ester, compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 73030-89-4

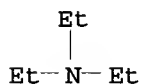
CMF C12 H17 N3 O6



CM 2

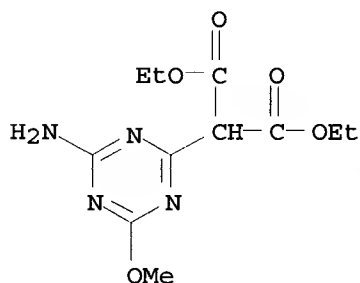
CRN 121-44-8

CMF C6 H15 N



RN 118622-66-5 CAPLUS

CN Propanedioic acid, (4-amino-6-methoxy-1,3,5-triazin-2-yl)-, diethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



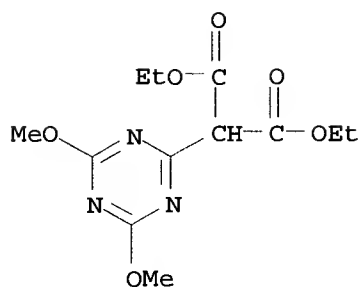
● HCl

IT 73030-89-4

RL: PRP (Properties)  
(tautomerism and acidity of)

RN 73030-89-4 CAPLUS

CN Propanedioic acid, (4,6-dimethoxy-1,3,5-triazin-2-yl)-, diethyl ester (9CI) (CA INDEX NAME)

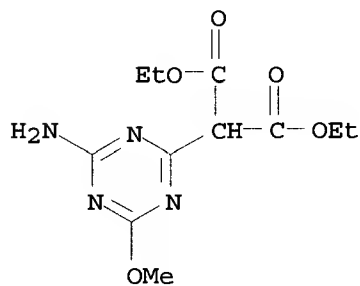


IT 73030-93-0

RL: PEP (Physical, engineering or chemical process); PRP  
(Properties); PROC (Process)  
(tautomerism of)

RN 73030-93-0 CAPLUS

CN Propanedioic acid, (4-amino-6-methoxy-1,3,5-triazin-2-yl)-, diethyl  
ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 30

L25 ANSWER 30 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1984:121025 CAPLUS

DN 100:121025

TI Potential ~~energetic materials~~ formed from coupling of substituted halo-s-triazines

AU Reynolds, G. Fredric

CS Dep. Chem. Chem. Eng., Michigan Technol. Univ., Houghton, MI, USA

SO Report (1983), AFOSR-TR-83-0712; Order No. AD-A131723, 11 pp.

Avail.: NTIS

From: Gov. Rep. Announce. Index (U. S.) 1983, 83(25), 6250

DT Report

LA English

AB The coupling of nucleophilic sites on substituted halo-s-triazines to electrophilic sites on other heterocyclic rings has been investigated. Thus, 2,4-dichloro-6-dimethylmalonyl-s-triazine has been coupled to 2,4,6-trichloropyrimidine in good yield, and to 2,4,6-trichloro-s-triazine in very small yield. Attempts to form longer chains or rings by addnl. reactions with the coupled products has not as yet resulted in any significant yield of the desired product.

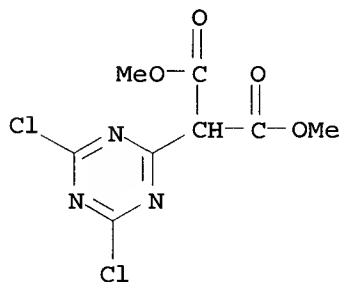
IT 89244-42-8

RL: RCT (Reactant)

(coupling of, with trichloropyrimidine and trichlorotriazine)

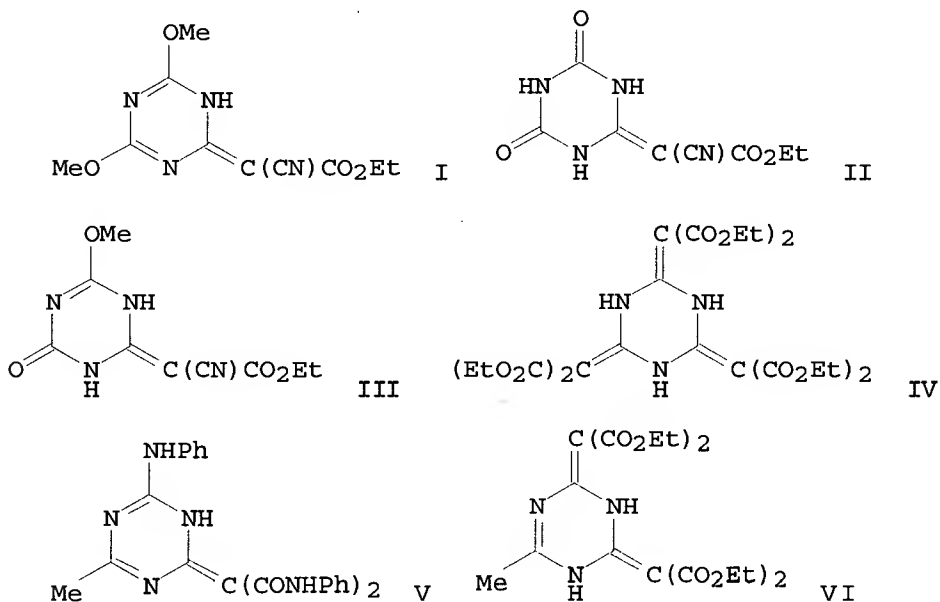
RN 89244-42-8 CAPLUS

CN Propanedioic acid, (4,6-dichloro-1,3,5-triazin-2-yl)-, dimethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 31

L25 ANSWER 31 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1981:515468 CAPLUS  
DN 95:115468  
TI s-Triazine derivatives. 4. Some features of reactions of  
dicarbethoxymethylenetriazine derivatives  
AU Vakhatova, G. M.; Anisimova, O. S.; Yakhontov, L. N.  
CS Vses. Nauchno-Issled. Farm. Inst., Moscow, USSR  
SO Khim. Geterotsikl. Soedin. (1981), (5), 684-7  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
GI



AB Triazine I was treated with HCl to give 94% dione II, whereas the treatment of I with H<sub>3</sub>BO<sub>3</sub> gave 48% ketone III. Sym. triazine IV was treated with PhNH<sub>2</sub> to give 43.4% V, 18% PhNHCOCH<sub>2</sub>CONHPh, and 18% PhNHCONHPh. PhCH<sub>2</sub>NH<sub>2</sub> and IV gave 21.3% PhCH<sub>2</sub>NHCOCH<sub>2</sub>CONHCH<sub>2</sub>Ph. Refluxing IV in aq. dioxane gave 16.5% VI, which when treated with NH<sub>3</sub> (1) gave 23% 2-(dicarbethoxymethyl)-4-amino-6-methyl-s-triazine.

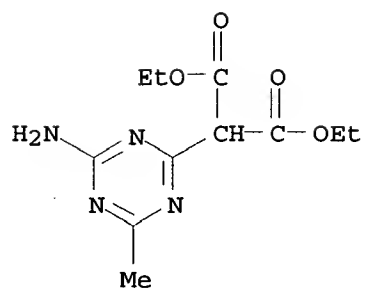
IT 78909-92-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 78909-92-9 CAPLUS

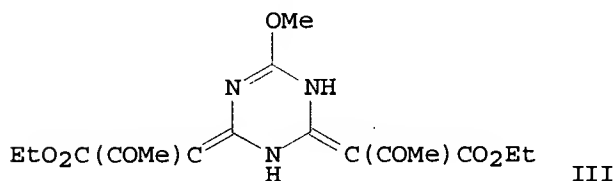
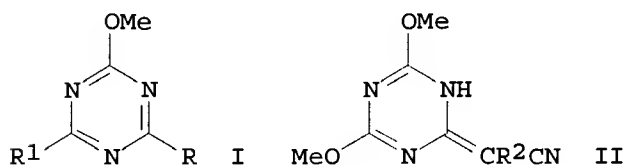
CN Propanedioic acid, (4-amino-6-methyl-1,3,5-triazin-2-yl)-, diethyl ester (9CI) (CA INDEX NAME)





=> d bib abs hitstr 125 32

L25 ANSWER 32 OF 38 CAPLUS COPYRIGHT 1997 ACS  
 AN 1981:443048 CAPLUS  
 DN 95:43048  
 TI s-Triazine derivatives. 3. Study of reactions of  
 chloromethoxy-s-triazines with carbon acids  
 AU Vakhatova, G. M.; Yakhontov, L. N.  
 CS Vses. Nauchno-Issled. Khim.-Farm. Inst. im. Ordzhonikidze, Moscow,  
 119021, USSR  
 SO Khim. Geterotsikl. Soedin. (1981), (2), 264-7  
 CODEN: KGSSAQ; ISSN: 0453-8234  
 DT Journal  
 LA Russian  
 GI



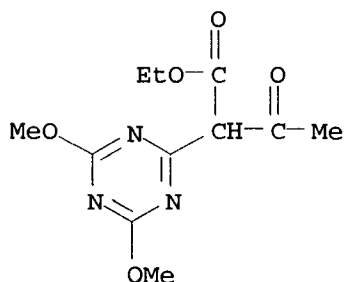
AB Treatment of triazine I (R = Cl, R1 = MeO) with EtO<sub>2</sub>CCH<sub>2</sub>CN, CH<sub>2</sub>(CN)<sub>2</sub>, and EtO<sub>2</sub>CCH<sub>2</sub>COMe, gave 84.5, 91, and 41%, resp., of II (R<sub>2</sub> = CO<sub>2</sub>Et or CN) and I (R = MeCOCHCO<sub>2</sub>Et, R1 = MeO). Treatment of I (R = R1 = Cl) with EtO<sub>2</sub>CCH<sub>2</sub>COMe gave 21.5% III, 2.7% I (R = Me<sub>2</sub>N, R1 = Cl), 0.6% I (R = MeCOCHCO<sub>2</sub>Et, R1 = CH<sub>2</sub>CO<sub>2</sub>Et), and trace amts. of I (R = MeCOCHCO<sub>2</sub>Et, R1 = CH<sub>2</sub>COMe; R = CH<sub>2</sub>CO<sub>2</sub>Et, R1 = Cl).

IT 77854-53-6P 77854-55-8P 77854-56-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)

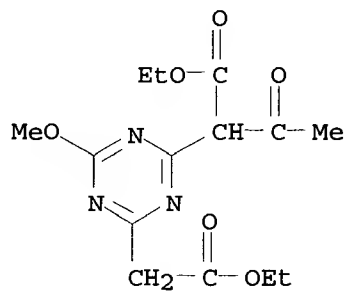
RN 77854-53-6 CAPLUS

CN 1,3,5-Triazine-2-acetic acid, .alpha.-acetyl-4,6-dimethoxy-, ethyl ester (9CI) (CA INDEX NAME)



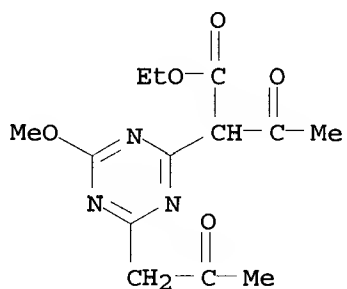
RN 77854-55-8 CAPLUS

CN 1,3,5-Triazine-2,4-diacetic acid, .alpha.-acetyl-6-methoxy-, diethyl ester (9CI) (CA INDEX NAME)



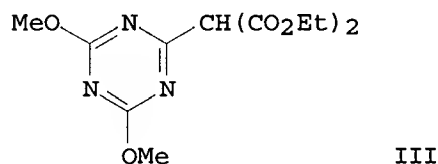
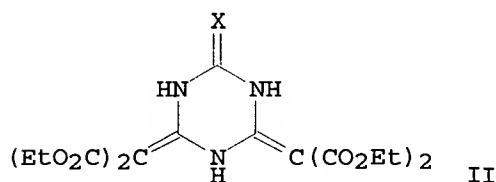
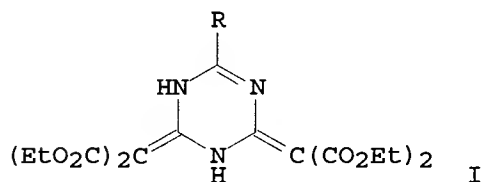
RN 77854-56-9 CAPLUS

CN 1,3,5-Triazine-2-acetic acid, .alpha.-acetyl-4-methoxy-6-(2-oxopropyl)-, ethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 33

L25 ANSWER 33 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1980:568231 CAPLUS  
DN 93:168231  
TI s-Triazine derivatives. 2. Study of reactions of sodium malonate ester with 2,4-dichloro-6-methoxy-2-triazine and cyanuric chloride  
AU Vakhatova, G. M.; Yakhontov, L. N.  
CS Vses. Nauchno-Issled. Khim.-Farm. Inst., Moscow, 119021, USSR  
SO Khim. Geterotsikl. Soedin. (1980), (4), 554-7  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
GI



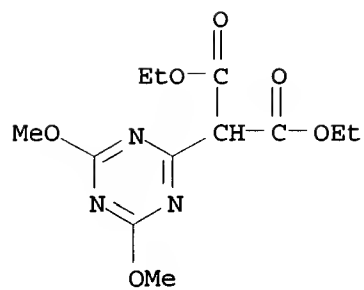
AB Reaction of  $\text{NaCH}(\text{CO}_2\text{Et})_2$  with 2,4-dichloro-6-methoxy-s-triazine gave 75% I ( $\text{R} = \text{MeO}$ ), which was converted to 83% II ( $\text{X} = \text{O}$ ) on treatment with concd.  $\text{HCl}$ . Similar reaction of cyanuric chloride gave 71% II ( $\text{X} = \text{C}(\text{CO}_2\text{Et})_2$ ) and 2.4% I ( $\text{R} = \text{Cl}$ ). Triazine III was obtained in 78% yield by reaction of 2-chloro-4,6-dimethoxy-s-triazine with  $\text{NaCH}(\text{CO}_2\text{Et})_2$ .

IT 73030-89-4P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 73030-89-4 CAPLUS

CN Propanedioic acid, (4,6-dimethoxy-1,3,5-triazin-2-yl)-, diethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 34

L25 ANSWER 34 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1980:567323 CAPLUS

DN 93:167323

TI The structure of some methyl and benzyl malonate derivatives of pyrimidine

AU Reynolds, G. Fredric; Fenwick, Marc B.

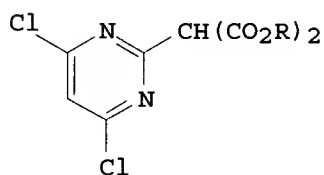
CS Dep. Chem. Chem. Eng., Michigan Technol. Univ., Houghton, MI, 49931, USA

SO J. Heterocycl. Chem. (1980), 17(3), 589-92  
CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

LA English

GI



I

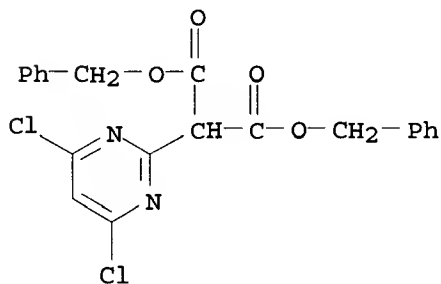
AB Reaction of 2,4,6-trichloropyrimidine with  $\text{NaCH}(\text{CO}_2\text{R})_2$  ( $\text{R} = \text{PhCH}_2$ , Me) in p-dioxane gave I or di-Me 2,2-bis(4,6-dichloropyrimidin-2-yl)malonate. NMR, UV, and IR showed that I exists as an equil. mixt. of keto forms and resonance-stabilized enolate ions.

IT 75098-35-0P 75098-36-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn., spectra, and tautomerism of)

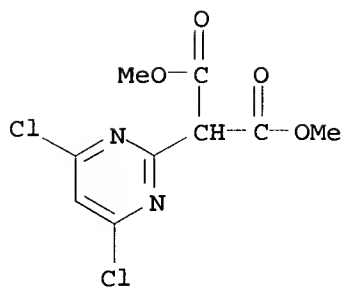
RN 75098-35-0 CAPLUS

CN Propanedioic acid, (4,6-dichloro-2-pyrimidinyl)-, bis(phenylmethyl) ester (9CI) (CA INDEX NAME)



RN 75098-36-1 CAPLUS

CN Propanedioic acid, (4,6-dichloro-2-pyrimidinyl)-, dimethyl ester  
(9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 35

L25 ANSWER 35 OF 38 CAPLUS COPYRIGHT 1997 ACS  
AN 1980:128865 CAPLUS  
DN 92:128865  
TI s-Triazine derivatives. 1. Interaction of 2-chloro-4,6-dimethoxy-s-triazine with ethyl sodiomalonate  
AU Vakhatova, G. M.; Anisimova, O. S.; Yakhontov, L. N.  
CS Vses. Nauchno-Issled. Khim.-Farm. Inst., Moscow, 119021, USSR  
SO Khim. Geterotsikl. Soedin. (1979), (11), 1557-60  
CODEN: KGSSAQ; ISSN: 0453-8234  
DT Journal  
LA Russian  
GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

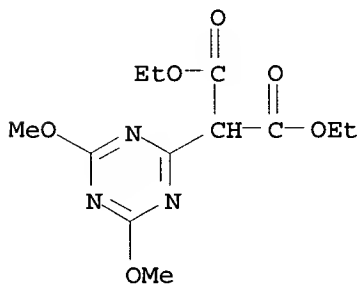
AB The title reaction at 80.degree. in DMF gave 53.5% I (R = H), 5% II and 0.7% III. When H2O was used to sep. the reaction products 15.4% I (R = H) and 5% IV were obtained. Treatment of I (R = H) with concd. HCl gave 58% 2-(dicarbethoxymethylene)-4,6-dioxohexahydro-s-triazine. I (R = H) was converted to I (R = Na) by treatment with 10% NaOH. Treatment of I (R = H) with NH3 gave 8% V and 21% VI.

IT 73030-89-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. and reaction of, with ammonia)

RN 73030-89-4 CAPLUS

CN Propanedioic acid, (4,6-dimethoxy-1,3,5-triazin-2-yl)-, diethyl ester (9CI) (CA INDEX NAME)



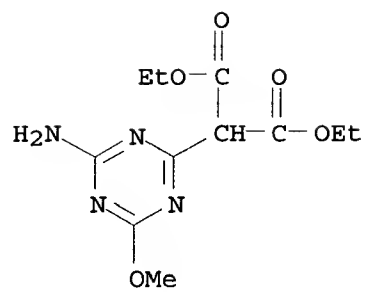
IT 73030-93-0P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 73030-93-0 CAPLUS

CN Propanedioic acid, (4-amino-6-methoxy-1,3,5-triazin-2-yl)-, diethyl ester (9CI) (CA INDEX NAME)





=> d bib abs hitstr 125 36

L25 ANSWER 36 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1980:110953 CAPLUS

DN 92:110953

TI Studies on pyrimidine derivatives. XII. Reaction of 4,6-disubstituted pyrimidine N-oxides with dimethyl acetylenedicarboxylate

AU Yamanaka, Hiroshi; Niitsuma, Setsuko; Sakamoto, Takao; Mizugaki, Michinao

CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan

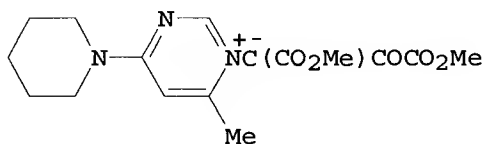
SO Chem. Pharm. Bull. (1979), 27(10), 2291-4

CODEN: CPBTAL; ISSN: 0009-2363

DT Journal

LA English

GI



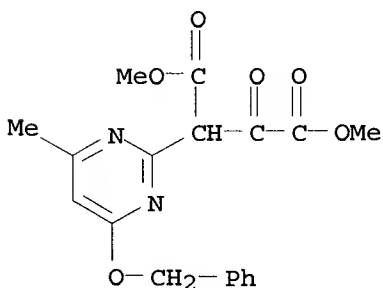
AB The 1,3-dipolar addn. of 4-benzyloxy-6-methylpyrimidine 1-oxide with MeO2CC.tplbond.CCO2Me (I) gave di-Me .alpha.-oxo-.alpha.'-(4-benzyloxy-6-methyl-2-pyrimidinyl)succinate, which was readily hydrolyzed to Me 4-benzyloxy-6-methyl-2-pyrimidineacetate. A similar reaction of 4-methoxy- and 4-ethoxy-6-methylpyrimidine 1-oxide gave the corresponding Me 2-pyrimidineacetates. On the other hand, 6-methyl-4-piperidinopyrimidine 1-oxide reacted with I to give the betaine deriv. II.

IT 61766-79-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and decarboxylation of)

RN 61766-79-8 CAPLUS

CN Butanedioic acid, [4-methyl-6-(phenylmethoxy)-2-pyrimidinyl]oxo-, dimethyl ester (9CI) (CA INDEX NAME)

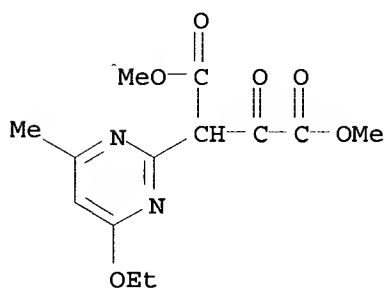


IT 73028-10-1P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN 73028-10-1 CAPLUS

CN Butanedioic acid, (4-ethoxy-6-methyl-2-pyrimidinyl)oxo-, dimethyl ester (9CI) (CA INDEX NAME)



=> d bib abs hitstr 125 37

L25 ANSWER 37 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1977:72572 CAPLUS

DN 86:72572

TI ~~1,3-Dipolar cycloaddition of 4-alkoxy-6-methylpyrimidine N-oxides~~

AU Yamanaka, Hiroshi; Niitsuma, Setsuko; Sakamoto, Takao; Mizugaki, Michinao

CS Pharm. Inst., Tohoku Univ., Sendai, Japan

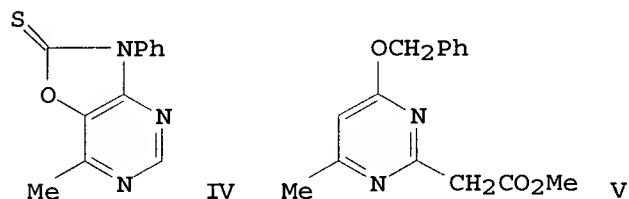
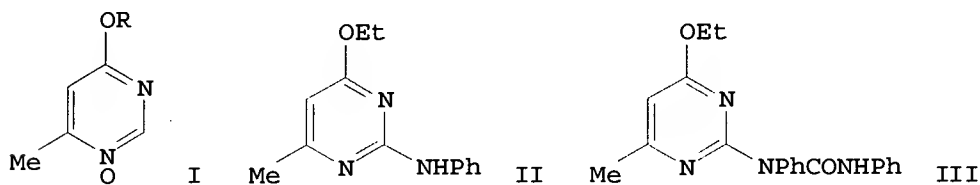
SO Heterocycles (1976), 5(1), 255-60

CODEN: HTCYAM

DT Journal

LA English

GI



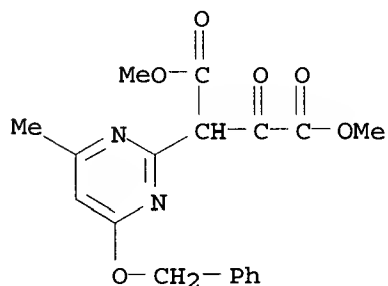
AB 1,3-Dipolar cycloaddn. of pyrimidine oxide (I, R = Et) with PhNCO gave the expected product II, which reacted further with PhNCO to give III. However reaction of I with PhNCS gave oxazolopyrimidine IV. Reaction of I (R = benzyl, Me) with MeO<sub>2</sub>CC.tplbond.CCO<sub>2</sub>Me gave V.

IT 61766-79-8P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 61766-79-8 CAPLUS

CN Butanedioic acid, [4-methyl-6-(phenylmethoxy)-2-pyrimidinyl]oxo-, dimethyl ester (9CI) (CA INDEX NAME)





=> d bib abs hitstr 125 38

L25 ANSWER 38 OF 38 CAPLUS COPYRIGHT 1997 ACS

AN 1972:514749 CAPLUS

DN 77:114749

TI Coupling of amino acids and amino sugars with cyanuric chloride  
(~~2,4,6-trichloro-s-triazine~~)

AU Chaudhari, A. S.; Bishop, C. T.

CS Biochem. Lab., Natl. Res. Counc. Canada, Ottawa, Ont., Can.

SO Can. J. Chem. (1972), 50(13), 1987-91

CODEN: CJCHAG

DT Journal

LA English

AB 2,4,6-Trichloro-s-triazine (cyanuric chloride) was used to couple glycine Et ester with seven carbohydrate derivs. that contain amino groups. The reactions proceed in high yield under mild conditions. The compds. serve as models for the coupling of carbohydrates to proteins by well defined linkages through amino groups.

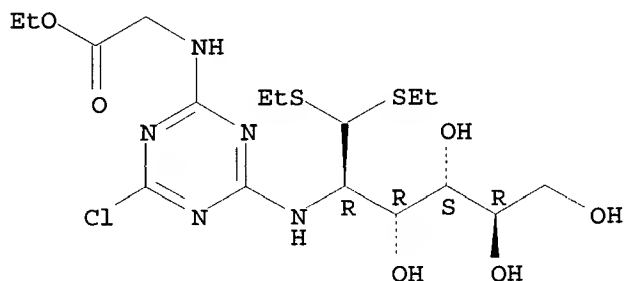
IT ~~38709-23-8P 38709-26-1P 38709-27-2P~~

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 38709-23-8 CAPLUS

CN D-Glucose, 2-[[4-chloro-6-[(2-ethoxy-2-oxoethyl)amino]-1,3,5-triazin-2-yl]amino]-2-deoxy-, 1-(diethyl dithioacetal) (9CI) (CA INDEX NAME)

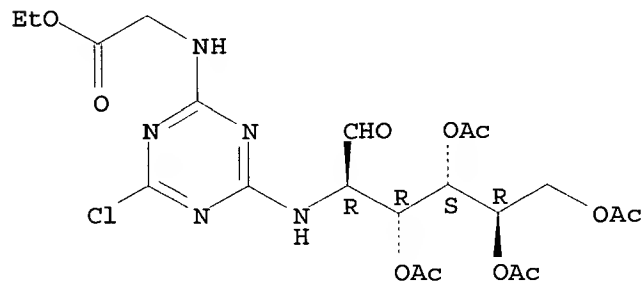
Absolute stereochemistry.



RN 38709-26-1 CAPLUS

CN D-Glucose, 2-[[4-chloro-6-[(2-ethoxy-2-oxoethyl)amino]-1,3,5-triazin-2-yl]amino]-2-deoxy-, 3,4,5,6-tetraacetate (9CI) (CA INDEX NAME)

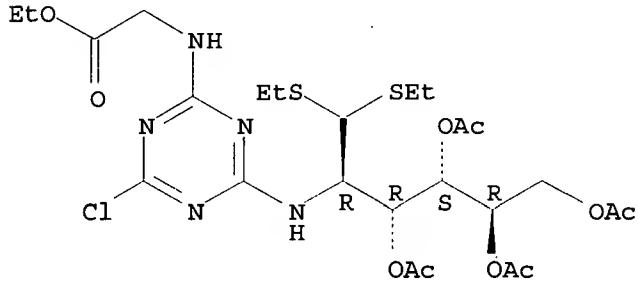
Absolute stereochemistry.



RN 38709-27-2 CAPLUS

CN D-Glucose, 2-[[4-chloro-6-[(2-ethoxy-2-oxoethyl)amino]-1,3,5-triazin-2-yl]amino]-2-deoxy-, 1-(diethyl dithioacetal), 3,4,5,6-tetraacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d his l20-

(FILE 'CAOLD, CAPLUS' ENTERED AT 07:43:25 ON 11 SEP 1997)  
TOTAL FOR ALL FILES

L20 1 S L11

FILE 'BEILSTEIN' ENTERED AT 07:43:40 ON 11 SEP 1997

L21 0 S L7 FUL

FILE 'MARPAT' ENTERED AT 07:44:05 ON 11 SEP 1997

L22 2 S L2

L23 53 S L2 FUL

L24 5 S L7 SSS FUL SUB=L23

FILE 'CAPLUS' ENTERED AT 07:52:13 ON 11 SEP 1997

L25 38 S L12 NOT (L11 OR L16)

FILE 'CAOLD' ENTERED AT 08:07:56 ON 11 SEP 1997

L26 7 S L5

=> d an hitstr

L26 ANSWER 1 OF 7 COPYRIGHT 1997 ACS

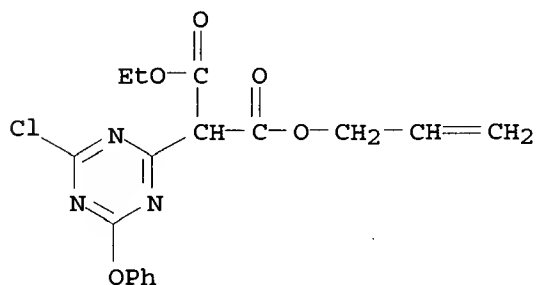
AN CA63:18122c CAOLD

IT 4065-16-1 4065-17-2 4065-18-3

4065-19-4 4398-22-5

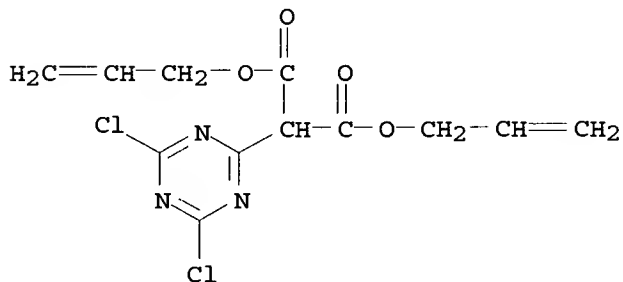
RN 4065-16-1 CAOLD

CN s-Triazine-2-malonic acid, 4-chloro-6-phenoxy-, allyl ethyl ester  
(7CI, 8CI) (CA INDEX NAME)



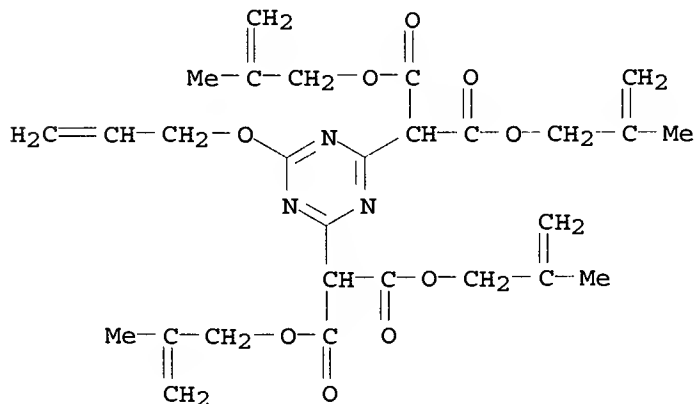
RN 4065-17-2 CAOLD

CN s-Triazine-2-malonic acid, 4,6-dichloro-, diallyl ester (7CI, 8CI)  
(CA INDEX NAME)



RN 4065-18-3 CAOLD

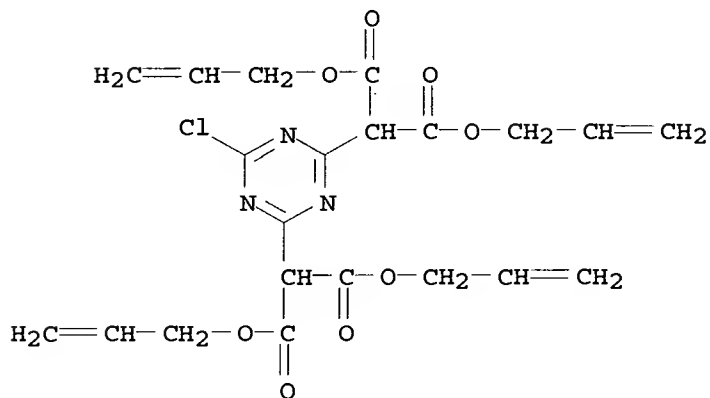
CN s-Triazine-2,4-dimalonic acid, 6-(allyloxy)-, tetrakis(2-methylallyl) ester (7CI, 8CI) (CA INDEX NAME)





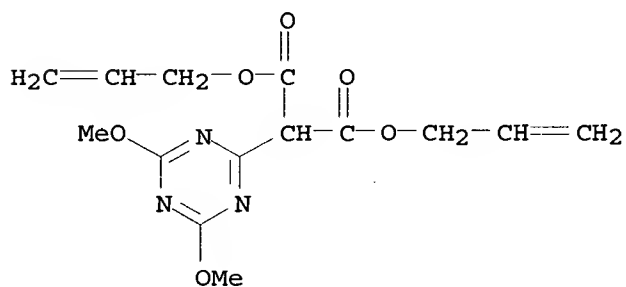
RN 4065-19-4 CAOLD

CN s-Triazine-2,4-dimalonic acid, 6-chloro-, tetraallyl ester (7CI, 8CI) (CA INDEX NAME)



RN 4398-22-5 CAOLD

CN s-Triazine-2-malonic acid, 4,6-dimethoxy-, diallyl ester (7CI, 8CI) (CA INDEX NAME)



=> d an hitstr 2

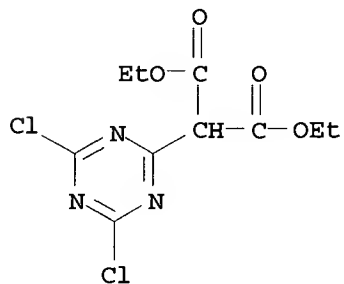
L26 ANSWER 2 OF 7 COPYRIGHT 1997 ACS

AN CA58:4672b CAOLD

IT 90920-03-9

RN 90920-03-9 CAOLD

CN s-Triazine-2-malonic acid, 4,6-dichloro-, diethyl ester (7CI) (CA  
INDEX NAME)



=&gt; d an hitstr 3

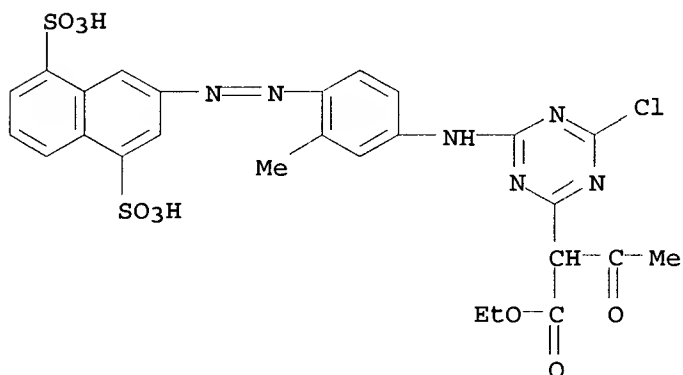
L26 ANSWER 3 OF 7 COPYRIGHT 1997 ACS

AN CA58:4672a CAOLD

IT 102134-84-9 102134-85-0

RN 102134-84-9 CAOLD

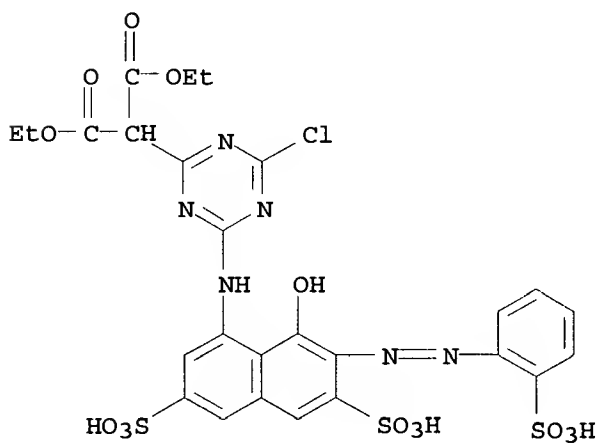
CN s-Triazine-2-acetic acid, .alpha.-acetyl-4-chloro-6-[4-[(4,8-disulfo-2-naphthyl)azo]-m-toluidino]-, ethyl ester, disodium salt (7CI) (CA INDEX NAME)



●2 Na

RN 102134-85-0 CAOLD

CN s-Triazine-2-malonic acid, 4-chloro-6-[[8-hydroxy-3,6-disulfo-7-[(o-sulfophenyl)azo]-1-naphthyl]amino]-, diethyl ester, trisodium salt (7CI) (CA INDEX NAME)



●3 Na

=> d an hitstr 4

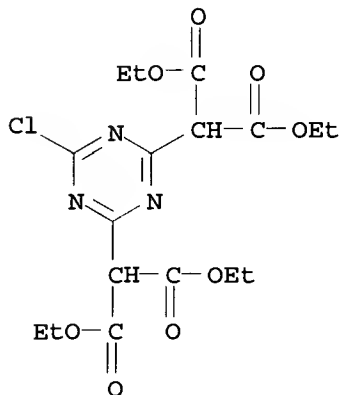
L26 ANSWER 4 OF 7 COPYRIGHT 1997 ACS

AN CA58:4671h CAOLD

IT 94823-07-1

RN 94823-07-1 CAOLD

CN s-Triazine-2,4-dimalonic acid, 6-chloro-, tetraethyl ester (7CI)  
(CA INDEX NAME)



=> d an hitstr 5

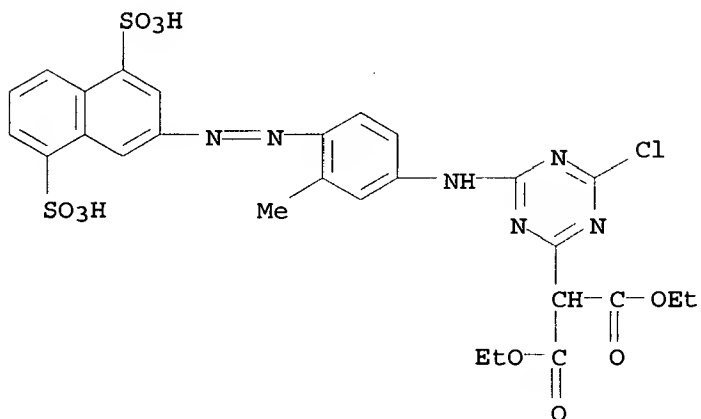
L26 ANSWER 5 OF 7 COPYRIGHT 1997 ACS

AN CA58:4671g CAOLD

IT 96868-90-5

RN 96868-90-5 CAOLD

CN s-Triazine-2-malonic acid, 4-chloro-6-[4-[(4,8-disulfo-2-naphthyl)azo]-m-toluidino]-, diethyl ester (7CI) (CA INDEX NAME)



=> d an hitstr 6

L26 ANSWER 6 OF 7 COPYRIGHT 1997 ACS

AN CA51:1980e CAOLD

IT 99071-17-7

RN 99071-17-7 CAOLD

CN 2-Pyrimidineacetic acid, .alpha.-acetyl-5-amino-4,6-dichloro-, ethyl ester (6CI) (CA INDEX NAME)

